Covidien Surgical Solutions Group
Aeration of 1X Custom Kit Cycle
Covidien: North Haven, CT
Chambers A & B

1. Objective:

This protocol has been designed to provide the documented program by which the aeration of Covidien Surgical Solutions Group product, processed in a Surgical Solutions Group Custom Kit cycle in Chambers A or B at Covidien: North Haven, CT 100% EtO facility will be validated for aeration after one time sterilization. This protocol will satisfy EN/ISO10993-7:2008 and Covidien policy GS10004946.

2. Scope:

2.1 This document applies to aeration of product processed through one Custom Kit (Cycle#410) sterilization process at Covidien: 60 Middletown Ave, North Haven, CT for Chambers A and B. The Covidien: North Haven, Chambers A and B process with a sterilant gas of 100% EtO. The facility utilizes primary aeration rooms connected to the chamber which product is automatically unloaded into after cycle completion. The facility also utilizes two ancillary secondary aeration rooms (Suture and Polymer) which product can be placed into following primary aeration in order to aerate further or be used as holding until ready to move out of the sterilization facility.

2.1.1 Custom Kit Products:

2.1.1.1 Surgidac, Ticron
2.1.1.2 Polypropylene (I, II or NG)
2.1.1.3 Surgigut (Plain, Mild or Chromic)(Sealed / Sterile)
2.1.1.4 Polysorb, Biosyn, Caprosyn, Maxon, Dexon, VLOC180, VLOC90, Laproclip (Sealed / Sterile)
2.1.1.5 Monosof, Dermalon
2.1.1.6 Sofsilk
2.1.1.7 Surgilon
2.1.1.8 Vascufil (Sealed / Sterile)
2.1.1.9 Steel
2.1.1.10 Flexon
2.1.1.11 Novafil, VLOC-PBT

2.2 The following are the responsibilities associated with the protocol:

2.2.1 Protocol –Technical Services
2.2.2 Protocol Approval – Technical Services, North Haven QA, North Haven Sterilizer
2.2.3 Samples – Technical Services
2.2.4 Sample Placement – Technical Services
2.2.5 Sample Retrieval – Technical Services & North Haven Sterilizer

2.2.6 Testing / Evaluation – Technical Services
2.2.7 Cycle Scheduling and Processing – North Haven Sterilizer
2.2.8 Final Report – Technical Services
2.2.9 Validation Approval – Technical Services, North Haven QA

2.3 The validation will conform to the following standards:

2.3.1 ANSI/AAMI/ENISO 10993-7:2008 "Biological Evaluation of Medical Devices-Part 7: Ethylene Oxide Sterilization Residuals"
2.3.2 GS10004946 "Covidien Corporate Procedure: Ethylene Oxide Residual Control Policy"

2.4 This protocol will address:

2.4.1 1X Sterilization, aeration processing, and residual testing
2.4.2 1X Aeration Qualification

3. Production Cycle:

3.1 Parameters:

Phase	Minimum Spec	Maximum Spec	Unit
Preconditioning			
Starting Temperature	95	130	°F
Preconditioning Time	12:00	96:00	Hr:Min
Room Temperature	95	115	°F
Room RH	40	70	%
Load time	5	60	Minutes
Pre - Nitrogen Wash			
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	30	Minutes
Nitrogen Inject	27.0	28.0	inHgA
Nitrogen Inject Elapsed Time	3	30	Minutes
Number of washes	5	5	each
Conditioning			
Vacuum #1	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	3	30	Minutes
Time to Condition	38	390	Minutes
Chamber Temperature	100	130	°F
Chamber Moisture	18.3	86.3	mg/L

Phase	Minimum Spec	Maximum Spec	Unit
Conditioning Dwell Time	45	90	Minutes
Charge			
Initial Vacuum	20.0	21.0	inHgA
EtO Inject Pressure	27.0	28.0	inHgA
EtO Inject Elapsed Time	3	60	Minutes
EtO Gas Weight Used	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	60	Minutes
Exposure			
Chamber Pressure	28.5	29.5	inHgA
Chamber Temperature	95	130	°F
Exposure Time	10:00	12:00	Hr:Min
Gas Concentration	200	480	mg/L
Exhaust			
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	60	Minutes
Post - Nitrogen Wash			
Nitrogen Inject Pressure	28.0	29.0	inHgA
Nitrogen Inject Elapsed Time	3	30	Minutes
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	30	Minutes
Number of washes	6	6	each
Air Wash			
Dry Air Inject Pressure	28.0	30.0	inHgA
Dry Air Inject Elapsed Time	3	30	Minutes
Vacuum	20.0	21.0	inHgA
Vacuum Elapsed Time	3	30	Minutes
Number of washes	12	12	each
Final Air Break			
Dry Air Inject Pressure	28.0	30.0	inHgA
Dry Air Inject Time	3	30	Minutes

Phase	Minimum Spec	Maximum Spec	Unit
Primary Aeration			
Elapsed Time	12:00	96:00	Hr:Min
Room Temperature	95	115	°F
Suture Secondary Aeration	Not Required only if Primary elapsed time ≥ 24 Hr		
Elapsed Time	12:00	96:00	Hr:Min
Room Temperature	105	115	°F
Maximum Chamber Temperature	N/A	130	°F

Loads may be removed from primary aeration after a minimum 12 hours elapsed time is met. After removal from primary aeration the loads must be immediately placed into secondary aeration for a minimum additional time of 12 hours thus meeting the minimum total aeration elapsed time of 24 hours required for Custom Kit cycle processing.

4. 1X Sterilization, Aeration Processing & Residual Testing:

4.1 Novafil was found to be the Custom Kit cycle worst case master aeration product according to STE09-036. Twelve pieces of Novafil suture from an individual lot will be placed in each of four boxes. Box one will be labeled 1X-0Hr, box two will be labeled 1X-12Hr, box three will be labeled 1X-24Hr, and box four will be labeled Blank.

4.2 The 1X boxes will be processed through 1 Custom Kit (Cycle #410) cycle with the maximum exposure time of 12 hours, the upper level EtO gas inject pressure and gas concentration, and a full 6-pallet chamber load. The Blank will remain non-sterile. The 1X boxes will be removed, after completion of the cycle, from aeration at the corresponding time points (as close to the specified time as possible) according to the time listed on the box.
The 1X-0Hr box will be removed after 0 hours primary aeration, the 1X-12Hr box will be removed after 12 hours primary aeration, and the 1X-24Hr box will be removed after 24 hours primary aeration. All dates/times during sample removal and aeration will be recorded so that traceability of each residual sample is documented. Samples will be frozen after the designated aeration time. Samples will be forwarded frozen, once processing is complete, to the Surgical Solutions Group Chemistry Lab in North Haven where all the boxes will be stored frozen until testing begins.

4.3 Sections 4.1 and 4.2 will be repeated with an additional two separate lots of product for a total of three cycle groups: Lot "A", Lot "B", & Lot "C". All lots will be processed in separate cycles, for a total of 3 cycles (1 cycle per lot).

4.4 The implantable materials of each device will be tested exhaustively for EtO and EtCH according to CHEM-033 and ISO10993-7 for all 1X and blank samples.

5. 1X Aeration Qualification:

5.1 An EtO Dissipation curve will be created from the three time points for all three lots of non-absorbable master aeration product tested for the 1X samples. EtCH will be evaluated for acceptance at the longest aeration time point tested.

5.2 The dissipation curve will be evaluated to determine the time required to aerate custom kit product to the specifications found acceptable in STE09-036 and ISO10993-7:2008.

5.2.1 Novafil:
EtO: $\leq$4mg with a TCL of $\leq$10µg/cm^2
EtCH: $\leq$9mg with a TCL of $\leq$5mg/cm^2

5.3 The process will be found acceptable if the average of the time determined in section 5.2 with 2 standard deviations is less than or equal to the 24 hour specification for the Custom Kit cycle. If the time is exceeded, then either additional biological testing or additional aeration time will be required.

5.4 The materials from the "Blank" sample must show "No Response" when tested, thus giving a result that starts with "<".

6. Documentation:

6.1 The final report will be written, approved and the original copy will be stored in the Surgical Solutions Group Technical Services Library as a permanent document.

6.1.1 The final report will contain all cycle run records and all aeration data.

6.1.2 The report will prove acceptance of aeration for product processed in the Custom Kit cycle one time sterilized at the Covidien: North Haven, CT 100% EtO sterilization facility.

7. Approval:

Written By:_____ Date: May 12, 2015
Biological Engineer, Technical Services

Approved By:_____ Date: May 12, 2015
Senior Biological Engineer, Technical Services

Approved By:_____ Date: MAY, 14, 2015
Director, Technical Services North Haven

Approved By:_____ Date: 5-13-15
Sr. Director, Technical Services North Haven

Approved By:_____ Date: 5-18-15
Sterilization, North Haven

Approved By:_____ Date: MAY 28, 2015
Quality Assurance, North Haven

Covidien Surgical Solutions Group
Aeration of 1X Custom Kit Cycle
Validation Final Report
Covidien: North Haven, CT
Chambers A & B

The sterilization process for the Parametric release of the Surgical Solutions Custom Kit cycle in Chambers A & B for 1X cycle processing has been validated for a maximum of 6 pallets and a minimum of ½ pallet in the Covidien: North Haven, CT 100% EO facility in accordance to the parameters and qualifications stated in protocol STE14-030.

Written By: _____ Date: June 26, 2015
Biological Engineer, Biological Services

Approved By: Nicole Gunnt Date: July 1, 2015
Senior Biological Engineer, Biological Services

Approved By: Michael Ball Date: JUL 08, 2015
Director, Technical Services North Haven

Approved By: Renee Borgesano Date: Jul 27, 2015
Regulatory Affairs

Approved By: _____ Date: July 9, 2015
Quality Assurance, North Haven

Summary:

Aeration Qualification:
The aeration of the products that are processed in the Covidien Surgical Solutions Group Custom Kit cycle in Covidien: North Haven Chambers A and B is acceptable for "1X" sterilization utilizing a minimum aeration time of 24 hours. Loads may be removed from primary aeration after 12 hours; however if 24 hours of primary aeration is not met an additional 12 hours of secondary aeration in the "Suture Secondary Aeration Room" is required. The products qualified during this study through the use of "Novafil" master aeration product are as follows:

- Surgidac, Ticron
- Polypropylene (I, II or NG)
- Surgigut (Plain, Mild or Chromic)(Sealed / Sterile)
- Polysorb, Biosyn, Caprosyn, Maxon, Dexon, VLOC180, VLOC90, Laproclip (Sealed / Sterile)
- Monosof, Dermalon
- Sofsilk
- Surgilon
- Vascufil (Sealed / Sterile)
- Steel
- Flexon
- Novafil, VLOC-PBT

1X Aeration Qualification:

Novafil suture was the product assessed in study STE14-030. Novafil was found to be the Custom Kit cycle worst case master aeration product according to STE09-036. The product tested in this report was evaluated to determine the minimum combined aeration time (Primary Aeration + Suture Secondary Aeration) required to reduce EtO and EtCH residual content to within the guidelines of EN/ISO10993-7:2008.
Combined primary and suture secondary minimum aeration times are justified based on the suture secondary aeration room temperature exceeding that of primary aeration. The lower temperature primary aeration room was used to evaluate the degassing characteristics of the product in this study.

Twelve samples of Novafil suture from an individual lot were placed in each of four boxes. Box one was labeled "1X-0Hr", box two was labeled "1X-12Hr", box three was labeled "1X-24Hr", and box four was labeled "Blank". This was repeated two additional times with different lots for a total of 12 boxes.

All boxes, with the exception of the "Blanks" which remained non-sterile, were processed through one clinical Custom Kit cycle with the maximum exposure time of 12 hours, the upper level EtO gas inject pressure and gas concentration, and a full 6-pallet

chamber load. Cycle#411 was used in place of routine clinical cycle#410. Cycle#411 uses the same cycle parameters as cycle#410, with the exception of containing the maximum 12 hour exposure time and upper specification gas injection pressure / gas concentration. The "1X" boxes from lot "A" were processed in cycle CB500294. The "1X" boxes from lot "B" were processed in cycle CB500300. The "1X" boxes from lot "C" were processed in cycle CB500304. The 1X boxes were removed, after completion of the cycle, from primary aeration at the appropriate aeration times of 0Hr, 12Hr, and 24Hr. A summary matrix detailing when the primary aeration pull times and dates occurred can be found in the residual summary section of the final report. All boxes were immediately frozen after the designated primary aeration period. Boxes were forwarded frozen to the Chemistry Lab in North Haven where they remained frozen until testing began.

The implantable materials of each device were tested exhaustively for EtO and EtCH according to CHEM-033 and ISO10993-7. The boiling point of EtCH is 128.8°C; because the temperature during aeration is less than 128.8°C the amount of EtCH held on a device will be the same regardless of aeration time, therefore only the 24 hour samples were tested for EtCH. The residual level for the entire contents of the device was determined.

Degassing curve calculations were completed using first order kinetics.
Results will be acceptable at the below specifications as stated by ISO10993-7:2008.

Novafil:
EtO: ≤4mg with a TCL of ≤10μg/cm²
EtCH: ≤9mg with a TCL of ≤5mg/cm²

EtO Test Results:

Sample Set "A", RUN# CB500294

EtO (mg)						
Device / RO# / Lot#	***Primary Aeration Time (Hr):***					
	0	**12**	**24**	**Slope**	**Intercept**	**Time to Spec (Hr)**
Novafil / 88864422-43 / D4C0376X				**Specification = ≤ 4 mg**		
Suture	0.011	0.00012	0.0001	-0.19585	-5.23250	-33.79464
Total Component mg EtO	0.011	0.00012	0.0001	-0.19585	-5.23250	-33.79464
EtO TCL (μg/cm²)						
Novafil / 88864422-43 / D4C0376X				**Specification = ≤ 10 μg/cm2**		
Suture	3.33	0.0373	0.0323	-0.19315	0.47834	-9.44460

-Time to specification calculations with negative number will be taken as 0Hr.

EtO Test Results:

Sample Set "B", RUN# CB500300

EtO (mg)						
Device / RO# / Lot#	***Primary Aeration Time (Hr):***					
	0	**12**	**24**	**Slope**	**Intercept**	**Time to Spec (Hr)**
Novafil / 88864422-43 / D5D0627X				**Specification = ≤ 4 mg**		
Suture	0.013	0.00079	0.00011	-0.19884	-4.48099	-29.50718
Total Component mg EtO	0.013	0.00079	0.00011	-0.19884	-4.48099	-29.50718
EtO TCL (µg/cm^2)						
Novafil / 88864422-43 / D5D0627X				**Specification = ≤ 10 µg/cm2**		
Suture	3.98	0.249	0.0323	-0.20058	1.25975	-5.19905

-Time to specification calculations with negative number will be taken as 0Hr.

EtO Test Results:

Sample Set "C", RUN# CB500304

EtO (mg)						
Device / RO# / Lot#	***Primary Aeration Time (Hr):***					
	0	**12**	**24**	**Slope**	**Intercept**	**Time to Spec (Hr)**
Novafil / 88864422-43 / D5D1158X				**Specification = ≤ 4 mg**		
Suture	0.0073	0.00012	0.000062	-0.19869	-5.49451	-34.63133
Total Component mg EtO	0.0073	0.00012	0.000062	-0.19869	-5.49451	-34.63133
EtO TCL (µg/cm^2)						
Novafil / 88864422-43 / D5D1158X				**Specification = ≤ 10 µg/cm2**		
Suture	2.29	0.037	0.0195	-0.19858	0.24774	-10.34777

-Time to specification calculations with negative number will be taken as 0Hr.

EtCH Test Results:

Sample Set "A", RUN# CB500294

Device / RO# / Lot#	**EtCH (mg)**		**EtCH TCL (mg/cm^2)**
	Aeration Time (24 Hr):		***Aeration Time (24 Hr):***
Novafil / 88864422-43 / D4C0376X	**Specification = ≤ 9 mg**		**Specification = ≤ 5 mg/cm^2**
Suture	<0.0034		<0.0011
Total Component mg EtCH	0.0034		N/A

-Results that begin with < show no response.

EtCH Test Results:

Sample Set "B", RUN# CB500300

Device / RO# / Lot#	EtCH (mg)		EtCH TCL (mg/cm^2)
	Aeration Time (24 Hr):		*Aeration Time (24 Hr):*
Novafil / 88864422-43 / D5D0627X	**Specification = ≤ 9 mg**		**Specification = ≤ 5 mg/cm^2**
Suture	<0.0034		<0.0011
Total Component mg EtCH	0.0034		N/A

-Results that begin with < show no response.

EtCH Test Results:

Sample Set "C", RUN# CB500304

Device / RO# / Lot#	EtCH (mg)		EtCH TCL (mg/cm^2)
	Aeration Time (24 Hr):		*Aeration Time (24 Hr):*
Novafil / 88864422-43 / D5D1158X	**Specification = ≤ 9 mg**		**Specification = ≤ 5 mg/cm^2**
Suture	<0.0043		<0.0014
Total Component mg EtCH	0.0043		N/A

-Results that begin with < show no response.

Blank Sample Test Results:

Sample Set "A"

Device / Lot#	EtO (mg)		EtO TCL (µg/cm^2)
	Blank Samples:		*Blank Samples:*
Novafil / 88864422-43 / D4C0376X	**Spec = < "No Response"**		**Spec = < "No Response"**
Suture	<0.00030		<0.093

Blank Sample Test Results:

Sample Set "B"

Device / Lot#	EtO (mg)		EtO TCL (µg/cm^2)
	Blank Samples:		*Blank Samples:*
Novafil / 88864422-43 / D5D0627X	**Spec = < "No Response"**		**Spec = < "No Response"**
Suture	<0.00028		<0.087

Blank Sample Test Results:

Sample Set "C"

Device / Lot#	EtO (mg)		EtO TCL (µg/cm^2)
	Blank Samples:		*Blank Samples:*
Novafil / 88864422-43 / D5D1158X	**Spec = < "No Response"**		**Spec = < "No Response"**
Suture	<0.00028		<0.089

All EtO/EtCH blank samples tested were acceptable for EtO(mg) and TCL(µg/cm^2) to the specifications listed in the protocol showing no response. This shows no initial exposure to EtO, so EtCH was not tested.

Average & Acceptance Level

EtO (mg): Aeration Specification						
Device	**Time to Spec (Hr)**			**Calculations (Hr)**		
Novafil	**Set "A"**	**Set "B"**	**Set "C"**	**Average**	**Std. Dev.**	**Avg. + 2 Std. Dev.**
Suture	0	0	0	0	0	0
Total Component mg EtO	0	0	0	0	0	0

Average & Acceptance Level

EtO TCL (µg/cm2): Aeration Specification						
Device	**Time to Spec (Hr)**			**Calculations (Hr)**		
Novafil	**Set "A"**	**Set "B"**	**Set "C"**	**Average**	**Std. Dev.**	**Avg. + 2 Std. Dev.**
Suture	0	0	0	0	0	0

A dissipation curve and acceptance level was not evaluated for EtCH because of the negligible amounts present during testing.

Upon examination of all test results the minimum aeration time required for product following 1X sterilization in the Covidien: North Haven, CT "Custom Kit" cycle is as follows:

Product		Aeration Time
Novafil (Master product for Custom Kit)		0 Hours

The minimum aeration time of 24 hours for routine custom kit processing is acceptable.

All EtO residual cycles and cycle review sheets are contained in the EtO Residual Cycle section of the "Final Report Binder". All EtO residual results summary sheets, and raw data are contained in the EtO Residual Summary section of the "Final Report Binder".

Documentation

The original Final Report Binder will be located in the Covidien Surgical Solutions Technical Services library as a permanent document STE14-030.

Aeration Validation

Set "A"

Sterilization Cycle# CB500294

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500294 Load Number: Dunnage Load

Date Cycle Completed: June 5, 2015 Time Cycle Completed: 21:43

Date Aeration Completed: June 6, 2015 Time Aeration Completed: 22:00

Notes: Chamber B (STE14-030/031), (Set A: 1X), (Set A: 1 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	95.7	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	106	95	115	°F
Room RH Min	40	40	70	%
Room RH Max	53	40	70	%
PCR Elapsed Time	21:20	12:00	96:00	Hrs:Min
Load Time	32	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	21.0	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	110	38	390	Minutes
Chamber Moisture Min	54.8	18.3	86.3	mg/L
Chamber Moisture Max	66.2	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	*28.1	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	24.6	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.1	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.8	28.5	29.5	inHgA
Chamber Pressure Max	29.2	28.5	29.5	inHgA
Chamber Temperature Min	117.7	95	130	°F
Chamber Temperature Max	119.2	95	130	°F
Exposure Time	*12:10	10:00	12:00	Hrs:Min
Gas Concentration Min	317.0	200	480	mg/L
Gas Concentration Max	406.0	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.3	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.3	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.2	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.3	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.3	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.2	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.2	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.2	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.2	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.2	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.2	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.2	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.2	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:05	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	99	95	115	°F
Room Temperature Max	109	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.3	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.2 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable.

The exposure time exceeded the maximum specification of 12 hours by 10 minutes. This increased time allows greater EO absorption into the test product further challenging product aeration; this is considered acceptable.

Reviewed by: [signature] Date: June 26, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Nicole Gment Date: July 1, 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

GB 06-05-15

CYCLE #:	ELIGIBILITY TIME: ~~05~~ 17:10	DATE: 06-04-15
CB500294	CYCLE LOAD TIME: 02:30	DATE: 06-05-15

(CIRCLE ONE) #411

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: KB

STARTING PCR TEMP: 95.7 STARTING PCR TIME: 05:10 START PCR DATE: 06-04-15

PCR MIN RH: 40 PCR MIN TEMP: 103

PCR MAX RH: 53 PCR MAX TEMP: 106

PALLET PRODUCT LOTS VERIFIED LOAD BY: GB PCR CIRCULATOR RUNNING: GB

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5013939			
STE14-030	0-6 Pallet	Residuals	(Set A: 1X)	(Set A: 1 of 3X)	

CYCLE START TIME: 03:02 CYCLE START DATE: 06-05-15 ETC RUN #: 149

CYCLE END TIME: 21:43 CYCLE END DATE: 06-05-15 PRIMARY START TIME: 21:55

PRIMARY END TIME: 22:00 PRIMARY END DATE: 6-6-15 MIN TEMP: 99 MAX TEMP: 109

AERATION CIRCULATOR RUNNING: N/A

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: Mabel Benitez Management Review:

COVIDIEN
60 MIDDLETOWN AVE
NORTH HAVEN, CT
06473
203-492-5000 [T]
203-492-6398 [F]

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*****************************************************
*                                                   *
*        COVIDIEN                                   *
*                                                   *
*****************************************************
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CHAMBER 103369-3

DATE: 06/05/2015
TIME: 3:02:21 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000149

LOAD NUMBER 1: CB500294
LOAD NUMBER 2: 5013939
LOAD NUMBER 3: STE14-030 6 Pallet Residuals
LOAD NUMBER 4: (Set A:1X) (Set A:1 of 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00001089

CYCLE TYPE	: EtO
Test Vacuum	: Yes
Nitrogen Blanket	: Yes
Gas Makeup	: N2
Aeration	: No

TEMPERATURE UNIT	: °F
PRESURE UNIT	: ''HgA
WEIGHT UNIT	: Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

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PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

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PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

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Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

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Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

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Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

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Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/05/2015 03:02:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.5	30.7	30.2	45.7	67.2	114.7	115.6	115.4	113.1	115.6	115.5	114.0	119.8	127.2	128.5	122.1	76.9	76.7	107.5	333.5	700.4	0.9
0:01:00	0:01:00	28.9	29.0	30.2	44.8	66.8	114.1	115.1	114.9	112.5	115.0	114.9	113.4	119.6	127.0	128.4	122.0	76.8	85.2	107.5	333.5	700.3	0.9
0:02:00	0:02:00	27.6	27.7	30.2	43.9	65.9	113.9	114.8	114.7	112.2	114.8	114.8	113.1	119.6	126.5	128.3	121.9	76.8	89.4	107.5	333.5	700.4	0.9
0:03:00	0:03:00	26.3	26.4	30.2	43.0	64.7	113.8	114.7	114.6	112.1	114.8	114.8	113.0	119.3	125.9	128.2	121.9	76.8	91.6	107.5	333.5	700.4	0.9
0:04:00	0:04:00	24.9	25.0	30.2	42.5	64.1	113.7	114.7	114.6	112.0	114.7	114.8	113.0	119.2	125.3	128.2	121.8	76.8	93.3	107.5	333.5	700.4	0.8
0:05:00	0:05:00	23.6	23.7	30.2	41.2	62.0	113.7	114.7	114.6	112.0	114.6	114.7	112.8	119.3	125.3	128.2	121.8	76.8	94.3	107.5	333.5	700.4	0.8
0:06:01	0:06:01	22.3	22.4	30.2	40.7	61.5	113.6	114.6	114.5	111.8	114.6	114.5	112.8	119.2	124.9	128.1	121.7	76.8	95.1	107.5	333.5	700.4	0.9

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0:07:01	0:07:01	20.9	21.0	30.2	39.8	60.3	113.5	114.6	114.4	111.7	114.6	114.7	112.8	119.2	125.0	128.1	121.6	76.7	95.7	107.5	333.5	700.4	0.9

INITIAL EVACUATION(1) SUMMARY 06/05/2015 03:09:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:18	0:07:18	20.5	20.6	30.2	38.9	59.0	113.5	114.5	114.4	111.7	114.6	114.5	112.6	120.3	128.0	128.0	121.5	76.7	95.9	107.4	333.5	700.4	0.9

START PRESS: 0030.5 MAX PRESS: 0030.5 MAX TEMP: 115.7 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 128.5 MAX GAS TEMP: 076.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 128.0 MIN GAS TEMP: 076.7
PRESS CHANGE: 010.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

STABILIZATION 06/05/2015 03:09:39

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:18	0:00:00	20.5	20.6	30.2	38.9	59.0	113.5	114.5	114.4	111.7	114.6	114.5	112.6	120.3	128.0	128.0	121.5	76.7	95.9	107.4	333.5	700.4	0.9
0:08:18	0:01:00	20.5	20.6	30.2	39.8	59.3	114.1	115.2	115.0	112.3	115.1	115.2	113.3	120.3	127.8	128.0	121.5	76.7	94.3	107.5	333.5	700.4	0.9
0:09:18	0:02:00	20.5	20.6	30.2	40.3	59.6	114.4	115.4	115.3	112.6	115.5	115.4	113.7	120.3	127.2	128.0	121.4	76.7	92.3	107.5	333.5	700.4	0.8
0:10:19	0:03:00	20.6	20.7	30.2	40.7	59.8	114.7	115.7	115.6	112.9	115.6	115.7	113.9	120.3	126.9	127.9	121.4	76.7	90.5	107.4	333.5	700.4	0.9
0:11:19	0:04:00	20.6	20.7	30.2	41.6	61.0	114.8	115.8	115.6	113.0	115.8	115.9	114.1	120.1	126.5	127.9	121.3	76.7	89.0	107.5	333.5	700.4	0.9
0:12:19	0:05:00	20.6	20.7	30.2	41.6	60.8	114.9	115.8	115.7	113.1	115.9	115.9	114.2	120.1	126.5	127.7	121.1	76.6	87.4	107.3	333.5	700.4	0.9
0:13:19	0:06:01	20.6	20.7	30.2	42.5	62.0	115.0	116.0	115.8	113.2	116.0	116.1	114.3	120.3	126.9	127.7	121.1	76.6	86.2	107.4	333.5	700.4	0.9
0:14:19	0:07:01	20.6	20.7	30.2	43.0	62.4	115.1	116.1	115.9	113.4	116.2	116.2	114.5	120.0	126.5	127.7	121.0	76.6	85.1	107.4	333.5	700.4	0.8
0:15:19	0:08:01	20.6	20.7	30.2	43.0	62.3	115.2	116.2	116.0	113.4	116.2	116.3	114.6	119.8	125.7	127.6	120.9	76.6	84.1	107.4	333.5	700.4	0.8
0:16:19	0:09:01	20.6	20.7	30.2	43.4	62.9	115.2	116.3	116.0	113.5	116.3	116.3	114.7	119.9	125.9	127.7	120.8	76.6	83.3	107.4	333.5	700.4	0.9

STABILIZATION SUMMARY 06/05/2015 03:19:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:18	0:10:00	20.6	20.8	30.2	43.9	63.3	115.4	116.4	116.2	113.7	116.3	116.3	114.7	120.3	126.3	127.5	120.8	76.6	82.6	107.4	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0020.6 MAX TEMP: 116.4 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 128.1 MAX GAS TEMP: 076.8
END PRESS: 0020.6 MIN PRESS: 0020.5 MIN TEMP: 112.6 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 127.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

LEAK CHECK 06/05/2015 03:19:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:18	0:00:00	20.6	20.8	30.2	43.9	63.3	115.4	116.4	116.2	113.7	116.3	116.3	114.7	120.3	126.3	127.5	120.8	76.6	82.6	107.4	333.5	700.4	0.9
0:18:18	0:01:00	20.6	20.8	30.2	43.9	63.2	115.4	116.4	116.2	113.7	116.4	116.4	114.8	119.8	125.7	127.3	120.7	76.6	81.8	107.3	333.5	700.4	0.9
0:19:18	0:02:00	20.7	20.8	30.2	44.3	63.8	115.5	116.5	116.2	113.8	116.4	116.4	114.9	119.6	125.1	127.3	120.7	76.5	81.2	107.3	333.5	700.4	0.9
0:20:19	0:03:00	20.7	20.8	30.2	44.8	64.3	115.6	116.6	116.3	113.8	116.5	116.4	114.9	119.6	124.9	127.3	120.6	76.6	80.7	107.3	333.5	700.4	0.9
0:21:19	0:04:00	20.7	20.8	30.2	44.8	64.2	115.6	116.6	116.4	114.0	116.6	116.6	115.1	119.6	124.4	127.3	120.5	76.6	80.3	107.3	333.5	700.4	0.9

LEAK CHECK SUMMARY 06/05/2015 03:24:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:18	0:05:00	20.7	20.8	30.2	45.3	64.8	115.7	116.6	116.4	114.1	116.6	116.7	115.3	119.4	124.4	127.1	120.4	76.6	79.9	107.3	333.5	700.4	0.9

START PRESS: 0020.6 MAX PRESS: 0020.7 MAX TEMP: 116.7 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 127.5 MAX GAS TEMP: 076.6
END PRESS: 0020.7 MIN PRESS: 0020.6 MIN TEMP: 114.7 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.5
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8

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EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

INITIAL N2 WASH(1) (Loop:1/5) 06/05/2015 03:24:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:18	0:00:00	20.7	20.8	30.2	45.3	64.8	115.7	116.6	116.4	114.1	116.6	116.7	115.3	119.4	124.4	127.1	120.4	76.6	79.9	107.3	333.5	700.4	0.9
0:23:18	0:01:00	22.0	22.1	30.2	46.6	65.8	116.2	117.2	116.9	114.5	117.2	117.2	115.7	119.4	124.3	127.1	120.4	90.4	79.6	107.3	333.5	700.4	0.9
0:24:19	0:02:00	23.4	23.5	30.2	47.5	66.6	116.5	117.4	117.2	114.8	117.5	117.5	116.1	119.3	123.4	127.0	120.2	102.9	79.4	107.3	333.5	700.4	0.9
0:25:19	0:03:00	24.8	24.9	30.2	48.0	66.8	116.7	117.7	117.4	115.1	117.6	117.7	116.3	119.2	124.0	126.9	120.1	108.1	79.1	107.3	333.5	700.4	0.9
0:26:19	0:04:00	26.1	26.3	30.2	48.0	66.7	116.8	117.7	117.4	115.2	117.8	117.8	116.5	119.3	124.1	126.9	120.0	109.9	79.0	107.3	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/05/2015 03:29:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:19	0:05:00	27.5	27.6	30.2	48.0	66.4	117.0	117.8	117.6	115.5	117.8	117.8	116.6	119.3	123.9	126.7	119.8	110.6	78.7	107.3	333.5	700.4	0.9

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 117.8 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 127.1 MAX GAS TEMP: 110.6
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 115.1 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 126.7 MIN GAS TEMP: 076.5
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:1/5) 06/05/2015 03:29:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:19	0:00:00	27.5	27.6	30.2	48.0	66.4	117.0	117.8	117.6	115.5	117.8	117.8	116.6	119.3	123.9	126.7	119.8	110.6	78.7	107.3	333.5	700.4	0.9
0:28:19	0:01:00	26.1	26.2	30.2	45.7	64.8	116.0	116.9	116.7	114.5	116.8	116.8	115.6	119.3	123.4	126.6	119.7	108.1	85.7	107.2	333.5	700.4	0.9
0:29:19	0:02:00	24.8	24.9	30.2	43.9	63.1	115.5	116.4	116.2	114.0	116.4	116.4	115.0	119.3	124.0	126.7	119.6	104.4	90.0	107.3	333.5	700.4	0.9
0:30:19	0:03:00	23.4	23.5	30.2	42.5	61.4	115.3	116.2	116.0	113.8	116.2	116.2	114.7	119.4	123.9	126.6	119.6	101.3	92.2	107.3	333.5	700.4	0.9
0:31:19	0:04:00	22.0	22.1	30.2	41.2	59.8	115.1	116.0	115.8	113.6	115.9	115.9	114.5	119.2	123.4	126.5	119.5	98.4	93.9	107.3	333.5	700.4	0.9
0:32:19	0:05:00	20.6	20.8	30.2	39.8	58.1	114.9	115.8	115.7	113.4	115.8	115.9	114.3	119.3	124.1	126.4	119.3	96.0	95.0	107.3	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/05/2015 03:34:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:25	0:05:06	20.5	20.6	30.2	39.8	58.1	114.9	115.8	115.7	113.3	115.8	115.9	114.3	119.2	125.0	126.4	119.3	95.7	95.1	107.2	333.5	700.4	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.8 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.7 MAX GAS TEMP: 110.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 126.3 MIN GAS TEMP: 095.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.3

INITIAL N2 WASH(1) (Loop:2/5) 06/05/2015 03:34:46

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:25	0:00:00	20.5	20.6	30.2	39.8	58.1	114.9	115.8	115.7	113.3	115.8	115.9	114.3	119.2	125.0	126.4	119.3	95.7	95.1	107.2	333.5	700.4	0.9
0:33:25	0:01:00	21.8	21.9	30.2	41.2	58.7	115.8	116.7	116.6	114.3	116.7	116.9	115.4	119.2	124.8	126.4	119.3	99.9	93.6	107.2	333.5	700.4	0.9
0:34:25	0:02:00	23.2	23.3	30.2	42.5	59.7	116.4	117.3	117.0	114.9	117.3	117.3	116.1	118.9	124.4	126.3	119.1	106.3	91.7	107.2	333.5	700.4	0.9
0:35:25	0:03:00	24.6	24.7	30.2	42.5	59.3	116.6	117.4	117.2	115.2	117.5	117.4	116.4	119.3	126.1	126.2	120.4	109.1	90.0	108.1	333.5	700.4	0.9
0:36:25	0:04:00	25.9	26.0	30.2	43.0	59.7	116.8	117.7	117.4	115.4	117.8	117.6	116.7	119.6	126.9	126.1	122.1	111.2	88.6	107.6	333.5	700.4	0.9
0:37:26	0:05:00	27.3	27.4	30.2	43.0	59.4	117.0	117.8	117.5	115.6	117.9	117.8	116.9	119.4	125.8	126.1	122.1	112.5	87.3	107.5	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/05/2015 03:39:55

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

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hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
0:37:34	0:05:10	27.5	27.6	30.2	43.0	59.4	117.0	117.8	117.5	115.6	117.9	117.8	116.9	120.0	127.7	126.1	122.0	112.5	87.0	107.5	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.4 MAX GAS TEMP: 112.6
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 126.0 MIN GAS TEMP: 095.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:2/5) 06/05/2015 03:39:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:34	0:00:00	27.5	27.6	30.2	43.0	59.4	117.0	117.8	117.5	115.6	117.9	117.8	116.9	120.0	127.7	126.1	122.0	112.5	87.0	107.5	333.5	700.4	0.9
0:38:34	0:01:00	26.1	26.3	30.2	41.6	58.9	116.1	116.9	116.6	114.7	116.9	116.8	115.9	119.8	127.2	125.9	122.0	110.1	90.5	107.4	333.5	700.4	0.9
0:39:34	0:02:00	24.8	24.9	30.2	39.8	57.2	115.5	116.4	116.1	114.2	116.3	116.3	115.3	120.1	127.9	126.0	121.9	106.6	93.2	107.5	333.5	700.4	0.9
0:40:34	0:03:00	23.4	23.5	30.2	38.9	56.2	115.3	116.1	115.9	114.0	116.2	116.1	115.0	119.9	127.6	125.9	121.8	103.4	94.7	107.5	333.5	700.4	0.9
0:41:34	0:04:00	22.0	22.1	30.2	38.0	55.2	115.1	115.8	115.7	113.8	115.9	115.9	114.8	119.8	127.1	125.9	121.7	100.6	95.8	107.5	333.5	700.4	0.9
0:42:34	0:05:00	20.7	20.8	30.2	37.1	54.0	115.0	115.8	115.6	113.6	115.8	115.8	114.6	120.1	127.9	125.9	121.7	98.1	96.6	107.5	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/05/2015 03:45:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:41	0:05:07	20.5	20.6	30.2	37.1	54.0	115.0	115.8	115.6	113.6	115.8	115.8	114.6	120.4	127.8	125.9	121.7	97.8	96.8	107.5	333.5	700.4	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.1 MAX GAS TEMP: 112.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.6 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.8 MIN GAS TEMP: 097.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

INITIAL N2 WASH(1) (Loop:3/5) 06/05/2015 03:45:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:41	0:00:00	20.5	20.6	30.2	37.1	54.0	115.0	115.8	115.6	113.6	115.8	115.8	114.6	120.4	127.8	125.9	121.7	97.8	96.8	107.5	333.5	700.4	0.9
0:43:41	0:01:00	21.8	22.0	30.2	38.5	54.6	116.0	116.9	116.5	114.5	116.9	116.9	115.7	120.5	128.0	125.9	121.6	101.9	95.2	107.5	333.5	700.4	0.9
0:44:41	0:02:00	23.2	23.3	30.2	39.8	55.6	116.6	117.4	117.1	115.1	117.5	117.3	116.4	120.3	127.6	125.8	121.4	108.3	93.4	107.5	333.5	700.4	0.8
0:45:41	0:03:00	24.5	24.6	30.2	39.8	55.3	116.8	117.7	117.3	115.4	117.7	117.6	116.7	120.3	127.2	125.7	121.3	111.2	91.7	107.5	333.5	700.4	0.8
0:46:42	0:04:00	25.9	26.1	30.2	40.3	55.5	117.1	118.0	117.5	115.7	118.0	117.9	117.0	120.3	127.2	125.6	121.1	112.3	90.2	107.5	333.5	700.4	0.9
0:47:42	0:05:00	27.3	27.4	30.2	40.7	56.0	117.2	118.1	117.6	115.9	118.1	117.9	117.1	120.5	127.8	125.5	121.0	112.6	88.9	107.5	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/05/2015 03:50:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:05:12	27.5	27.6	30.2	40.7	55.9	117.2	118.1	117.7	116.0	118.1	117.9	117.2	120.3	126.3	125.5	121.0	112.7	88.7	107.5	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.9 MAX GAS TEMP: 112.7
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.5 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.5 MIN GAS TEMP: 097.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.0

INITIAL EVACUATION(2) (Loop:3/5) 06/05/2015 03:50:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:00:00	27.5	27.6	30.2	40.7	55.9	117.2	118.1	117.7	116.0	118.1	117.9	117.2	120.3	126.3	125.5	121.0	112.7	88.7	107.5	333.5	700.4	0.9

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0:48:53	0:01:00	26.1	26.3	30.2	39.5	55.6	116.3	117.1	116.8	115.0	117.1	117.0	116.2	120.0	126.1	125.5	120.9	110.2	91.9	107.4	333.5	700.4	0.9
0:49:53	0:02:00	24.8	24.9	30.2	38.0	54.3	115.7	116.6	116.2	114.4	116.6	116.4	115.5	120.0	125.9	125.5	120.8	106.8	94.3	107.5	333.5	700.4	0.8
0:50:53	0:03:00	23.4	23.5	30.2	36.6	52.7	115.5	116.3	116.0	114.2	116.3	116.3	115.3	120.3	126.4	125.4	120.7	103.8	95.7	107.5	333.5	700.4	0.9
0:51:53	0:04:00	22.1	22.2	30.2	36.2	52.2	115.4	116.2	115.9	114.1	116.2	116.1	115.0	120.1	126.2	125.4	120.7	101.2	96.5	107.5	333.5	700.4	0.9
0:52:54	0:05:00	20.7	20.8	30.2	35.3	51.0	115.2	116.1	115.8	113.8	116.2	115.9	114.9	120.1	126.3	125.4	120.6	98.7	97.2	107.4	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/05/2015 03:55:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:00	0:05:00	20.5	20.6	30.2	35.3	51.1	115.2	116.0	115.8	113.8	116.0	115.9	114.9	119.9	125.4	125.4	120.6	98.5	97.3	107.5	333.5	700.4	1.2

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.6 MAX GAS TEMP: 112.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.9 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.3 MIN GAS TEMP: 098.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

INITIAL N2 WASH(1) (Loop:4/5) 06/05/2015 03:55:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:01	0:00:00	20.5	20.6	30.2	35.3	51.1	115.2	116.0	115.8	113.8	116.0	115.9	114.9	119.9	125.4	125.4	120.6	98.5	97.3	107.5	333.5	700.4	1.2
0:54:01	0:01:00	21.8	22.0	30.2	36.6	51.8	116.1	116.9	116.7	114.7	117.0	117.0	115.9	120.0	125.6	125.3	120.5	101.8	95.7	107.4	333.5	700.4	0.9
0:55:01	0:02:00	23.2	23.3	30.2	38.0	52.8	116.7	117.7	117.2	115.4	117.6	117.5	116.6	119.8	125.3	125.2	120.4	107.7	94.0	107.4	333.5	700.4	0.9
0:56:01	0:03:00	24.6	24.7	30.2	38.4	53.1	117.0	117.8	117.5	115.7	118.0	117.8	117.0	119.8	125.1	125.2	120.2	110.4	92.2	107.4	333.5	700.4	0.9
0:57:01	0:04:00	25.9	26.0	30.2	38.9	53.4	117.2	118.1	117.7	115.9	118.2	118.0	117.3	119.8	124.8	125.1	120.1	111.4	90.7	107.4	333.5	700.4	0.9
0:58:01	0:05:00	27.3	27.4	30.2	38.9	53.2	117.4	118.3	117.8	116.1	118.3	118.1	117.4	119.8	125.0	125.0	120.0	111.8	89.3	107.4	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/05/2015 04:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:10	0:05:00	27.5	27.6	30.2	38.9	53.1	117.4	118.3	117.9	116.2	118.3	118.1	117.5	119.3	123.8	125.0	120.0	111.8	89.1	107.3	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.5 MAX GAS TEMP: 111.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.9 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.0 MIN GAS TEMP: 098.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:4/5) 06/05/2015 04:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:10	0:00:00	27.5	27.6	30.2	38.9	53.1	117.4	118.3	117.9	116.2	118.3	118.1	117.5	119.3	123.8	125.0	120.0	111.8	89.1	107.3	333.5	700.4	0.9
0:59:10	0:01:00	26.2	26.3	30.2	37.1	52.0	116.5	117.3	116.9	115.2	117.3	117.2	116.4	119.4	124.1	125.0	119.8	109.6	91.8	107.3	333.5	700.4	0.9
1:00:10	0:02:00	24.8	24.9	30.2	36.2	51.4	116.0	116.8	116.4	114.7	116.7	116.7	115.8	119.4	123.7	125.1	119.7	106.4	94.1	107.3	333.5	700.4	0.9
1:01:10	0:03:00	23.5	23.6	30.2	35.3	50.4	115.7	116.5	116.2	114.4	116.5	116.4	115.5	119.3	124.0	125.0	119.6	103.5	95.3	107.3	333.5	700.4	0.8
1:02:10	0:04:00	22.0	22.1	30.2	34.8	49.8	115.6	116.4	116.2	114.4	116.3	116.3	115.3	119.3	123.7	124.9	119.6	101.0	96.4	107.3	333.5	700.4	0.8
1:03:10	0:05:00	20.7	20.8	30.2	33.9	48.9	115.4	116.2	116.0	114.1	116.2	116.1	115.1	119.3	123.9	124.9	119.5	98.6	97.1	107.3	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/05/2015 04:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:20	0:05:10	20.5	20.6	30.2	33.9	48.8	115.4	116.2	116.0	114.1	116.2	116.2	115.1	119.2	125.3	125.0	119.5	98.3	97.3	107.3	333.5	700.3	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 125.2 MAX GAS TEMP: 111.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 333.5 DRM2 END: 700.3 MIN PRE TEMP: 124.9 MIN GAS TEMP: 098.3

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000029

PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.5

INITIAL N2 WASH(1) (Loop:5/5) 06/05/2015 04:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:20	0:00:00	20.5	20.6	30.2	33.9	48.8	115.4	116.2	116.0	114.1	116.2	116.2	115.1	119.2	125.3	125.0	119.5	98.3	97.3	107.3	333.5	700.3	0.9
1:04:20	0:01:00	21.8	21.9	30.2	35.3	49.6	116.3	117.2	116.9	114.9	117.3	117.2	116.2	119.2	124.4	124.9	119.3	101.3	95.7	107.3	333.5	700.4	0.9
1:05:20	0:02:00	23.2	23.3	30.2	36.6	50.7	116.9	117.8	117.4	115.6	117.8	117.7	116.8	118.9	124.0	124.8	119.3	107.1	94.0	107.2	333.5	700.4	0.9
1:06:20	0:03:00	24.6	24.7	30.2	37.1	51.0	117.2	118.1	117.6	115.9	118.1	117.9	117.2	119.2	125.0	124.7	119.2	109.9	92.3	107.2	333.5	700.4	0.9
1:07:20	0:04:00	25.9	26.0	30.2	38.0	51.8	117.4	118.3	117.9	116.2	118.3	118.1	117.4	119.3	125.1	124.6	121.5	111.0	90.8	108.8	333.5	700.4	0.9
1:08:20	0:05:00	27.3	27.4	30.2	38.0	51.7	117.5	118.3	117.9	116.4	118.4	118.2	117.6	118.9	124.7	124.6	122.3	112.5	89.5	107.6	333.5	700.4	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/05/2015 04:10:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:30	0:05:10	27.5	27.6	30.2	38.0	51.7	117.5	118.3	117.9	116.4	118.4	118.2	117.6	119.8	127.2	124.6	122.3	112.7	89.3	107.6	333.5	700.4	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.4 DRM1 START: 333.5 DRM2 START: 700.3 MAX PRE TEMP: 125.0 MAX GAS TEMP: 112.7
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.5 MIN GAS TEMP: 098.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:5/5) 06/05/2015 04:10:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:31	0:00:00	27.5	27.6	30.2	38.0	51.7	117.5	118.3	117.9	116.4	118.4	118.2	117.6	119.8	127.2	124.6	122.3	112.7	89.3	107.6	333.5	700.4	0.9
1:09:31	0:01:00	26.2	26.3	30.2	36.2	50.4	116.7	117.4	117.1	115.5	117.4	117.3	116.6	120.3	127.9	124.6	122.2	110.6	92.2	107.6	333.5	700.4	0.8
1:10:31	0:02:00	24.8	24.9	30.2	35.3	49.9	116.1	116.9	116.5	114.9	116.9	116.7	116.0	120.0	127.6	124.6	122.1	107.3	94.6	107.6	333.5	700.4	0.8
1:11:31	0:03:00	23.4	23.5	30.2	34.4	48.9	115.9	116.7	116.4	114.6	116.7	116.6	115.7	120.3	127.9	124.5	122.1	104.4	95.8	107.6	333.5	700.4	0.9
1:12:31	0:04:00	22.0	22.1	30.2	33.9	48.5	115.7	116.5	116.2	114.4	116.5	116.4	115.5	119.8	127.1	124.3	122.0	101.8	96.8	107.6	333.5	700.4	0.9
1:13:31	0:05:00	20.7	20.8	30.2	33.0	47.3	115.6	116.4	116.1	114.3	116.3	116.3	115.3	120.0	127.7	124.2	121.9	99.4	97.4	107.6	333.5	700.4	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/05/2015 04:16:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:39	0:05:08	20.5	20.6	30.2	33.5	48.0	115.6	116.4	116.1	114.3	116.3	116.3	115.3	120.4	127.9	124.2	121.9	99.0	97.5	107.6	333.5	700.4	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.4 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 124.7 MAX GAS TEMP: 112.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.2 MIN GAS TEMP: 099.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.9

HUMIDIFICATION(1) 06/05/2015 04:16:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:39	0:00:00	20.5	20.6	30.2	33.5	48.0	115.6	116.4	116.1	114.3	116.3	116.3	115.3	120.4	127.9	124.2	121.9	99.0	97.5	107.6	333.5	700.4	0.9
1:14:39	0:01:00	20.6	20.7	30.2	34.8	49.2	116.1	116.8	116.7	114.9	116.8	117.0	116.2	119.4	125.6	124.2	121.9	97.1	96.0	107.6	333.5	700.4	0.9
1:15:39	0:02:00	20.8	20.9	30.2	40.3	56.4	116.5	116.9	117.1	115.4	116.9	117.4	116.7	119.3	125.5	124.2	121.7	95.2	94.2	107.5	333.5	700.3	0.9
1:16:39	0:03:00	21.0	21.1	30.2	47.5	66.1	116.8	117.1	117.4	115.8	117.0	117.7	117.1	119.4	125.7	124.2	121.7	93.5	92.4	107.5	333.5	700.4	0.9
1:17:40	0:04:00	21.1	21.3	30.2	54.3	75.1	117.0	117.2	117.8	116.0	117.3	118.0	117.4	119.4	125.6	124.2	121.6	92.1	91.0	107.6	333.5	700.4	0.9

HUMIDIFICATION(1) SUMMARY 06/05/2015 04:20:03

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000030

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
1:17:42	0:04:03	21.2	21.3	30.2	54.8	75.8	116.9	117.2	117.7	116.0	117.3	118.0	117.4	119.6	125.9	124.2	121.6	92.1	90.9	107.6	333.5	700.4	0.8

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.1 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 124.3 MAX GAS TEMP: 099.0
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.1 MIN GAS TEMP: 092.1
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

HUMIDIFICATION DWELL(1) 06/05/2015 04:20:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:42	0:00:00	21.2	21.3	30.2	54.8	75.8	116.9	117.2	117.7	116.0	117.3	118.0	117.4	119.6	125.9	124.2	121.6	92.1	90.9	107.6	333.5	700.4	0.8
1:19:42	0:02:00	21.3	21.4	30.2	64.3	88.4	117.2	117.4	118.0	116.2	117.5	118.2	117.6	118.8	124.4	124.1	132.5	89.6	88.4	109.2	333.5	700.4	0.9
1:21:42	0:04:00	21.2	21.3	30.2	66.2	90.9	117.2	117.6	117.9	116.2	117.6	118.2	117.5	119.2	125.9	129.3	132.1	87.6	86.2	108.8	333.5	700.4	0.9
1:23:42	0:06:00	21.2	21.3	30.2	65.7	90.3	117.2	117.6	117.9	116.1	117.6	118.1	117.4	119.8	126.9	128.9	132.1	86.0	84.6	108.9	333.5	700.4	0.8
1:25:42	0:08:00	21.2	21.3	30.2	64.8	89.0	117.2	117.7	117.9	116.1	117.7	118.2	117.4	119.8	126.4	129.0	131.9	84.7	83.2	109.0	333.5	700.4	0.9
1:27:42	0:10:00	21.1	21.3	30.2	63.9	87.9	117.1	117.7	117.8	116.0	117.7	118.1	117.4	119.4	125.0	128.9	131.6	83.7	82.1	109.0	333.5	700.4	0.8
1:29:43	0:12:01	21.1	21.3	30.2	63.0	86.7	117.1	117.7	117.8	116.0	117.8	118.1	117.3	118.9	123.4	129.0	131.4	82.8	81.1	109.1	333.5	700.4	0.9
1:31:43	0:14:01	21.1	21.2	30.2	62.1	85.4	117.1	117.7	117.8	116.0	117.8	118.1	117.3	118.4	122.1	128.6	131.1	82.1	80.3	109.1	333.5	700.4	0.8
1:33:43	0:16:01	21.1	21.2	30.2	61.6	84.8	117.1	117.7	117.8	115.9	117.8	118.0	117.2	118.3	121.3	128.6	130.9	81.4	79.7	109.1	333.5	700.4	0.8
1:35:43	0:18:01	21.1	21.2	30.2	61.2	84.1	117.2	117.8	117.8	115.9	117.8	118.0	117.2	118.0	120.6	128.5	130.8	80.9	79.2	109.1	333.5	700.4	0.8
1:37:43	0:20:01	21.1	21.2	30.2	60.7	83.6	117.1	117.8	117.7	115.9	117.8	118.0	117.2	118.1	122.7	128.4	130.6	80.5	78.9	109.2	333.5	700.4	0.8
1:39:43	0:22:01	21.1	21.2	30.2	60.7	83.5	117.2	117.8	117.8	115.9	117.8	118.0	117.2	119.4	126.8	128.3	130.4	80.1	78.5	109.1	333.5	700.4	0.9
1:41:43	0:24:01	21.1	21.2	30.2	59.8	82.3	117.1	117.8	117.7	115.9	117.8	118.0	117.2	119.8	126.5	128.1	130.1	79.7	78.1	109.2	333.5	700.4	0.9
1:43:43	0:26:01	21.1	21.2	30.2	59.8	82.2	117.2	117.8	117.8	115.9	117.9	118.0	117.3	119.3	124.7	128.1	130.0	79.4	77.9	109.1	333.5	700.4	0.8
1:45:44	0:28:02	21.1	21.2	30.2	59.3	81.7	117.1	117.8	117.7	115.9	117.9	118.0	117.3	118.9	123.4	128.0	129.8	79.2	77.6	109.2	333.5	700.4	0.9
1:47:44	0:30:02	21.1	21.2	30.2	58.9	80.9	117.2	117.8	117.8	115.9	117.9	118.1	117.2	118.4	122.1	127.9	129.6	78.9	77.4	109.1	333.5	700.4	0.8
1:49:44	0:32:02	21.1	21.2	30.2	58.9	80.9	117.2	117.8	117.8	116.0	117.9	118.1	117.3	118.1	121.1	127.7	129.4	78.7	77.2	109.1	333.5	700.4	0.9
1:51:44	0:34:02	21.1	21.2	30.2	58.4	80.3	117.2	117.8	117.8	115.9	117.9	118.1	117.3	117.8	122.0	127.6	129.2	78.4	77.1	109.1	333.5	700.4	0.9
1:53:44	0:36:02	21.1	21.2	30.2	58.4	80.2	117.3	118.0	117.8	116.0	117.9	118.1	117.3	119.0	126.0	127.5	129.1	78.3	76.9	109.1	333.5	700.4	0.8
1:55:44	0:38:02	21.1	21.2	30.2	58.4	80.2	117.3	118.0	117.8	116.0	117.9	118.0	117.3	119.8	126.9	127.3	132.1	78.1	76.8	109.9	333.5	700.4	0.9
1:57:44	0:40:02	21.1	21.2	30.2	58.0	79.6	117.3	118.0	117.8	116.0	118.0	118.1	117.3	119.6	125.5	127.2	132.1	77.9	76.7	109.5	333.5	700.4	0.8
1:59:44	0:42:02	21.1	21.2	30.2	58.0	79.6	117.3	118.0	117.8	116.0	118.0	118.1	117.3	119.0	123.9	127.2	131.9	77.8	76.6	109.5	333.5	700.4	0.9
2:01:44	0:44:02	21.1	21.2	30.2	58.0	79.6	117.2	118.0	117.8	115.9	118.0	118.1	117.3	118.7	122.9	127.0	131.6	77.6	76.6	109.4	333.5	700.4	0.9
2:03:45	0:46:03	21.1	21.2	30.2	57.9	79.3	117.3	118.1	117.8	116.0	118.0	118.1	117.3	118.3	121.9	127.0	131.6	77.6	76.4	109.4	333.5	700.4	1.2
2:05:45	0:48:03	21.1	21.2	30.2	57.5	78.9	117.3	118.0	117.8	116.0	118.1	118.1	117.3	118.1	120.9	126.8	131.2	77.5	76.4	109.5	333.5	700.4	0.9
2:07:45	0:50:03	21.1	21.2	30.2	57.5	78.9	117.3	118.1	117.8	116.0	118.1	118.1	117.3	117.8	121.1	126.7	131.1	77.4	76.4	109.5	333.5	700.4	0.9
2:09:45	0:52:03	21.1	21.2	30.2	57.5	78.9	117.3	118.0	117.8	116.0	118.1	118.1	117.3	118.9	125.5	126.6	130.8	77.4	76.4	109.4	333.5	700.3	0.8
2:11:45	0:54:03	21.1	21.2	30.2	57.5	78.9	117.3	118.1	117.8	116.0	118.1	118.2	117.4	119.8	127.1	126.5	130.6	77.3	76.4	109.4	333.5	700.4	0.9
2:13:45	0:56:03	21.1	21.3	30.2	57.5	78.7	117.3	118.1	117.9	116.1	118.1	118.1	117.4	119.6	125.9	126.2	130.4	77.2	76.4	109.4	333.5	700.4	0.9
2:15:45	0:58:03	21.1	21.3	30.2	57.5	78.8	117.3	118.1	117.9	116.0	118.1	118.2	117.4	119.2	124.3	126.1	130.2	77.2	76.6	109.4	333.5	700.4	0.9

HUMIDIFICATION DWELL(1) SUMMARY 06/05/2015 05:20:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:42	1:00:00	21.1	21.3	30.2	57.1	78.1	117.4	118.2	117.9	116.1	118.1	118.1	117.4	118.9	123.4	126.0	130.1	77.2	76.4	109.4	333.5	700.4	0.8

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 129.4 MAX GAS TEMP: 092.1
END PRESS: 0021.1 MIN PRESS: 0021.1 MIN TEMP: 117.2 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.0
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.6

INITIAL EVACUATION(3) 06/05/2015 05:20:03

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000031

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
2:17:42	0:00:00	21.1	21.3	30.2	57.1	78.1	117.4	118.2	117.9	116.1	118.1	118.1	117.4	118.9	123.4	126.0	130.1	77.2	76.4	109.4	333.5	700.4	0.8

INITIAL EVACUATION(3) SUMMARY 06/05/2015 05:20:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:30	20.5	20.6	30.2	56.6	78.2	117.0	117.8	117.5	115.7	117.8	117.8	117.1	120.0	128.2	126.0	130.0	77.1	82.2	109.4	333.5	700.4	0.8

START PRESS: 0021.1 MAX PRESS: 0021.1 MAX TEMP: 118.1 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.0 MAX GAS TEMP: 077.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 333.5 DRM2 END: 700.4 MIN PRE TEMP: 125.9 MIN GAS TEMP: 077.1
PRESS CHANGE: 000.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.0

STERILANT INJECTION(1) 06/05/2015 05:20:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:00	20.5	20.6	30.2	56.6	78.2	117.0	117.8	117.5	115.7	117.8	117.8	117.1	120.0	128.2	126.0	130.0	77.1	82.2	109.4	333.5	700.4	0.8
2:19:12	0:01:00	21.2	21.3	30.2	57.1	78.7	117.1	117.8	117.7	115.8	117.8	118.0	117.1	118.4	122.2	125.9	129.2	108.8	81.3	109.4	328.6	700.3	0.9
2:20:12	0:02:00	21.9	22.0	30.2	59.3	82.8	116.6	117.2	117.4	115.2	117.6	117.8	116.9	119.6	125.7	125.9	131.4	115.4	80.4	111.2	328.7	700.4	43.0
2:21:12	0:03:00	22.6	22.7	30.2	61.6	85.1	117.0	117.7	117.6	115.7	117.7	117.9	117.0	119.6	125.5	125.7	131.1	116.0	79.7	109.7	328.7	700.4	95.7
2:22:12	0:04:00	23.3	23.4	30.2	63.9	88.3	117.0	117.7	117.6	115.7	117.8	117.9	117.1	119.4	125.1	125.5	130.0	114.2	79.2	109.6	328.7	700.4	151.4
2:23:12	0:05:00	23.9	24.0	30.2	66.1	91.2	117.1	117.8	117.6	115.8	117.8	117.9	117.1	117.8	120.6	125.4	128.9	110.2	78.7	109.5	328.7	700.4	205.5
2:24:13	0:06:01	24.6	24.7	30.2	67.9	93.7	117.1	117.8	117.6	115.8	117.8	117.9	117.1	119.2	124.4	125.2	132.1	113.1	78.4	110.3	326.0	700.4	259.8
2:25:13	0:07:01	25.3	25.4	30.2	69.8	96.1	117.1	117.8	117.6	115.9	117.9	118.0	117.2	118.3	123.5	125.1	131.1	111.2	78.1	109.8	325.5	700.4	315.5
2:26:13	0:08:01	26.0	26.1	30.2	71.6	98.2	117.3	118.0	117.8	116.1	118.0	118.1	117.3	118.9	123.7	124.9	130.2	115.5	77.9	109.7	325.4	700.4	369.9
2:27:13	0:09:01	26.6	26.7	30.2	73.4	100.0	117.3	118.1	117.8	116.2	118.1	118.1	117.4	118.9	125.6	124.6	129.4	116.4	77.6	109.6	324.8	700.4	424.1
2:28:13	0:10:01	27.3	27.4	30.2	74.8	100.0	117.5	118.2	117.9	116.4	118.2	118.2	117.6	118.8	122.9	124.5	129.1	117.7	77.5	109.6	324.1	700.4	473.9

DRUM 1 EMPTY ALARM 06/05/2015 05:30:39

2:28:18	0:10:06	27.4	27.5	30.2	75.7	100.0	117.5	118.2	117.9	116.4	118.2	118.3	117.6	118.6	122.4	124.4	129.0	117.8	77.4	109.6	324.0	700.4	478.4

ALARM SILENCED (gbonilla) 06/05/2015 05:30:56

2:28:35	0:10:23	27.5	27.7	30.2	75.7	100.0	117.5	118.2	118.0	116.4	118.2	118.2	117.6	118.2	121.2	124.4	128.9	118.0	77.4	109.6	324.0	695.4	490.5
2:29:13	0:11:01	28.0	28.1	30.2	76.6	100.0	117.5	118.3	118.0	116.4	118.3	118.3	117.7	119.8	127.6	124.3	131.6	118.9	77.4	111.3	324.1	685.4	519.1

STERILANT INJECTION(1) SUMMARY 06/05/2015 05:31:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:14	0:11:02	28.0	28.1	30.2	76.6	100.0	117.5	118.3	118.0	116.4	118.3	118.3	117.7	119.8	127.7	124.3	131.8	118.9	77.3	111.3	324.1	685.2	520.6

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.3 DRM1 START: 333.5 DRM2 START: 700.4 MAX PRE TEMP: 126.0 MAX GAS TEMP: 119.5
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.8 DRM1 END: 324.1 DRM2 END: 685.2 MIN PRE TEMP: 124.3 MIN GAS TEMP: 108.3
PRESS CHANGE: 007.5 ETO USED 1: 009.4 ETO USED 2: 015.1 MAX VAP TEMP: 132.1
EO USED PHASE: 024.6 EO USED CYCLE:024.6 MIN VAP TEMP: 128.8

N2 BLANKET(1) 06/05/2015 05:31:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:14	0:00:00	28.0	28.1	30.2	76.6	100.0	117.5	118.3	118.0	116.4	118.3	118.3	117.7	119.8	127.7	124.3	131.8	118.9	77.3	111.3	324.1	685.2	520.6
2:30:14	0:01:00	28.6	28.8	30.2	78.0	100.0	117.7	118.3	118.1	116.6	118.5	118.4	117.8	118.4	122.0	124.0	131.1	118.7	77.2	109.9	324.1	684.9	565.9

N2 BLANKET(1) SUMMARY 06/05/2015 05:33:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:42	0:01:38	29.0	29.1	30.2	78.4	100.0	117.7	118.3	118.1	116.6	118.5	118.4	117.9	117.8	120.5	120.9	130.9	118.6	77.2	109.9	324.1	684.9	584.0

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000032

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.5 DRM1 START: 324.1 DRM2 START: 685.2 MAX PRE TEMP: 124.3 MAX GAS TEMP: 119.0
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.7 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 120.7 MIN GAS TEMP: 118.6
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.3 MAX VAP TEMP: 131.9
EO USED PHASE: 000.3 EO USED CYCLE:024.6 MIN VAP TEMP: 130.9

EXPOSURE(1) 06/05/2015 05:33:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:42	0:00:00	29.0	29.1	30.2	78.4	100.0	117.7	118.3	118.1	116.6	118.5	118.4	117.9	117.8	120.5	120.9	130.9	118.6	77.2	109.9	324.1	684.9	584.0
2:31:42	0:01:00	29.0	29.1	30.2	78.4	100.0	117.6	118.3	118.0	116.5	118.4	118.3	117.8	119.4	124.8	129.9	130.8	116.2	76.9	109.8	324.1	684.9	593.0
2:32:42	0:02:00	28.9	29.0	30.2	77.5	100.0	117.5	118.3	117.9	116.5	118.3	118.2	117.7	118.0	122.0	129.8	130.7	112.8	76.8	109.8	324.1	684.9	590.0
2:33:42	0:03:00	28.9	29.0	30.2	77.5	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.7	119.2	124.1	129.5	130.6	109.8	76.8	109.9	324.1	684.9	583.9
2:34:42	0:04:00	28.8	29.0	30.2	77.0	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.7	118.3	123.5	129.1	130.5	107.1	76.6	109.8	324.1	684.9	579.4
2:35:42	0:05:00	28.8	28.9	30.2	77.1	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.8	118.9	123.6	128.9	130.4	104.5	76.6	109.8	324.2	684.9	570.5
2:36:42	0:06:00	28.8	28.9	30.2	77.1	100.0	117.6	118.3	118.0	116.5	118.3	118.3	117.8	118.9	125.7	128.8	130.3	102.3	76.6	109.8	324.1	684.9	562.9
2:37:42	0:07:01	28.8	28.9	30.2	77.1	100.0	117.6	118.3	118.0	116.6	118.4	118.3	117.8	118.8	122.8	128.6	130.3	100.2	76.4	109.8	324.1	684.9	555.3
2:38:43	0:08:01	28.7	28.9	30.2	77.0	100.0	117.6	118.3	118.0	116.6	118.4	118.3	117.8	119.6	127.3	128.7	130.1	98.3	76.4	109.8	324.1	684.9	547.8
2:39:43	0:09:01	28.7	28.8	30.2	77.1	100.0	117.6	118.3	118.0	116.6	118.4	118.4	117.8	118.6	122.3	128.5	130.0	96.6	76.4	109.8	324.1	684.9	541.7
BEGIN GAS ADDITION (1) (gbonilla) 06/05/2015 05:42:04																							
2:39:43	0:09:01	28.7	28.8	30.2	77.1	100.0	117.7	118.3	118.1	116.6	118.4	118.4	117.8	118.4	122.2	128.5	130.0	96.6	76.4	109.8	324.2	684.9	541.8
END GAS ADDITION (1) (gbonilla) 06/05/2015 05:42:17																							
2:39:56	0:09:14	29.0	29.1	30.2	77.1	100.0	117.7	118.3	118.1	116.7	118.5	118.4	117.9	118.3	121.3	128.5	130.0	96.5	76.4	109.8	324.1	684.9	541.7
2:40:43	0:10:01	29.0	29.1	30.2	77.5	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	119.9	127.7	128.3	129.9	97.3	76.4	109.8	324.2	684.9	541.7
2:41:43	0:11:01	29.0	29.1	30.2	77.5	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	118.4	121.8	128.2	129.9	95.9	76.3	109.8	324.1	684.9	529.7
2:42:43	0:12:01	29.0	29.1	30.2	77.0	100.0	117.7	118.3	118.1	116.6	118.4	118.4	117.8	120.0	127.6	128.1	129.7	94.4	76.2	109.8	324.2	684.9	523.6
2:43:43	0:13:01	28.9	29.1	30.2	77.0	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	118.3	121.4	128.1	129.6	93.1	76.2	109.8	324.1	684.9	517.5
2:44:43	0:14:01	28.9	29.0	30.2	77.0	100.0	117.7	118.3	118.1	116.7	118.4	118.4	117.9	120.0	126.9	127.8	129.5	91.9	76.0	109.7	324.1	684.9	511.5
2:45:43	0:15:01	28.9	29.0	30.2	77.0	100.0	117.7	118.5	118.1	116.7	118.5	118.4	117.9	118.2	121.1	127.8	129.4	90.9	75.9	109.8	324.2	684.8	507.0
2:46:43	0:16:02	28.9	29.0	30.2	77.0	100.0	117.7	118.3	118.1	116.7	118.5	118.4	117.9	119.9	127.1	127.6	129.3	89.8	75.8	109.7	324.2	684.9	502.5
2:47:44	0:17:02	28.9	29.0	30.2	77.0	100.0	117.7	118.3	118.1	116.7	118.5	118.5	118.0	118.2	121.1	127.7	129.2	89.0	75.7	109.7	324.2	684.9	496.4
2:48:44	0:18:02	28.8	29.0	30.2	77.0	100.0	117.7	118.5	118.1	116.7	118.5	118.5	117.9	119.9	126.5	127.5	129.1	88.1	75.7	109.7	324.2	684.8	493.4
2:49:44	0:19:02	28.8	28.9	30.2	77.1	100.0	117.7	118.5	118.1	116.7	118.5	118.5	118.0	118.1	120.8	127.4	129.0	87.3	75.7	109.7	324.2	684.9	489.0
2:50:44	0:20:02	28.8	28.9	30.2	77.1	100.0	117.8	118.5	118.2	116.7	118.5	118.5	118.0	119.6	125.6	127.4	130.0	86.7	75.7	110.5	324.2	684.9	484.5
2:51:44	0:21:02	28.8	28.9	30.2	77.1	100.0	117.8	118.5	118.2	116.8	118.5	118.5	118.0	118.0	120.4	127.3	132.1	86.0	75.7	110.1	324.2	684.9	481.4
2:52:44	0:22:02	28.8	28.9	30.2	77.0	100.0	117.8	118.6	118.2	116.8	118.5	118.5	118.0	119.6	125.2	127.3	132.1	85.4	75.7	110.1	324.2	684.9	478.3
2:53:44	0:23:02	28.8	28.9	30.2	77.0	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.0	117.8	120.6	127.3	131.9	84.8	75.7	110.1	324.2	684.9	475.4
2:54:44	0:24:03	28.7	28.9	30.2	77.1	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.0	119.3	124.7	127.1	131.9	84.3	75.7	110.0	324.2	684.9	470.8
2:55:45	0:25:03	28.7	28.8	30.2	77.1	100.0	117.8	118.5	118.2	116.8	118.6	118.5	118.0	117.8	121.8	126.9	131.8	83.9	75.7	110.1	324.2	684.9	469.4
2:56:45	0:26:03	28.7	28.8	30.2	77.5	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.0	119.2	124.1	126.8	131.8	83.4	75.8	110.1	324.2	684.9	466.3
BEGIN GAS ADDITION (2) (gbonilla) 06/05/2015 05:59:50																							
2:57:30	0:26:48	28.7	28.8	30.2	77.1	100.0	117.8	118.6	118.2	116.8	118.6	118.5	118.1	118.1	120.6	126.7	131.6	83.2	75.9	110.0	324.2	684.9	463.4
END GAS ADDITION (2) (gbonilla) 06/05/2015 06:00:04																							
2:57:45	0:27:01	29.0	29.1	30.2	77.0	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.2	122.7	126.9	131.6	83.9	75.9	110.1	324.2	684.9	463.3
2:57:45	0:27:03	29.0	29.2	30.2	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.3	123.4	126.9	131.6	84.2	76.0	110.1	324.2	684.9	464.8
2:58:45	0:28:03	29.0	29.1	30.2	77.5	100.0	118.0	118.7	118.4	116.9	118.8	118.7	118.2	123.0	137.0	126.7	131.6	87.6	76.0	110.1	324.2	684.9	464.8
2:59:45	0:29:03	29.0	29.1	30.2	77.5	100.0	118.2	118.9	118.5	117.1	119.0	118.8	118.3	123.9	137.0	126.6	131.4	86.7	76.2	110.1	324.2	684.9	460.3
3:00:45	0:30:03	29.0	29.1	30.2	77.0	100.0	118.2	118.9	118.5	117.2	119.1	118.9	118.4	118.4	120.6	126.6	131.2	85.8	76.3	110.2	324.2	684.9	455.6
3:01:45	0:31:03	29.0	29.1	30.2	76.6	100.0	118.2	118.9	118.6	117.2	118.9	118.8	118.3	116.6	115.3	126.6	131.2	85.1	76.3	110.1	324.2	684.9	451.3
3:02:45	0:32:03	29.0	29.1	30.2	77.1	100.0	118.1	118.8	118.4	117.1	118.7	118.7	118.2	116.4	115.2	126.4	131.1	84.6	76.4	110.1	324.2	684.9	449.7
3:03:45	0:33:04	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	116.2	115.5	126.3	130.9	83.9	76.4	110.1	324.2	684.8	446.7
3:04:46	0:34:04	29.0	29.1	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	119.9	127.5	126.2	130.8	83.4	76.3	110.0	324.2	684.9	443.6
3:05:46	0:35:04	29.0	29.1	30.2	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.1	117.8	121.0	126.1	130.8	83.0	76.3	110.0	324.2	684.9	442.1
3:06:46	0:36:04	28.9	29.1	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	119.2	124.9	126.1	130.7	82.5	76.3	110.0	324.2	684.9	440.7
3:07:46	0:37:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	117.6	119.9	125.9	130.5	82.1	76.2	110.0	324.2	684.9	439.2
3:08:46	0:38:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	120.6	129.8	125.8	130.5	81.8	76.2	110.0	324.2	684.9	436.2

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3:09:46	0:39:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	118.4	122.3	125.7	130.4	81.4	76.0	110.0	324.2	684.9	434.7
3:10:46	0:40:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	120.6	130.4	125.8	130.3	81.1	76.2	110.0	324.2	684.9	433.2
3:11:46	0:41:04	28.9	29.0	30.2	77.0	100.0	118.0	118.8	118.4	117.0	118.9	118.7	118.3	123.9	139.5	125.7	130.1	80.8	76.0	110.0	324.2	684.8	431.7
3:12:46	0:42:05	28.9	29.0	30.2	76.6	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	121.3	129.4	125.6	130.0	80.5	76.0	110.0	324.2	684.9	430.2
3:13:47	0:43:05	28.9	29.0	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.4	117.3	117.3	125.5	130.0	80.4	75.9	110.0	324.2	684.9	427.1
3:14:47	0:44:05	28.9	29.0	30.2	76.6	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.4	115.1	125.4	129.9	80.1	75.9	110.0	324.2	684.9	427.1
3:15:47	0:45:05	28.9	29.0	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	116.3	115.3	125.4	129.7	79.9	75.9	110.0	324.2	684.9	425.6
3:16:47	0:46:05	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.5	118.5	118.1	116.1	115.5	125.3	129.7	79.7	75.9	109.9	324.2	684.9	424.1
3:17:47	0:47:05	28.8	29.0	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	119.8	127.7	125.2	129.6	79.5	75.8	109.8	324.2	684.8	421.1
3:18:47	0:48:05	28.8	29.0	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	117.8	123.2	125.3	129.5	79.3	75.9	109.8	324.2	684.9	421.1
3:19:47	0:49:05	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	118.9	124.1	125.1	129.4	79.2	75.8	109.8	324.2	684.9	419.6
3:20:47	0:50:05	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.5	118.5	118.1	119.6	128.2	125.0	129.3	79.1	75.8	109.7	324.2	684.9	418.1
3:21:47	0:51:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	120.0	127.0	124.8	129.2	78.9	75.8	109.8	324.2	684.9	416.6
3:22:47	0:52:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.2	118.2	121.0	124.9	129.1	78.8	75.8	109.8	324.2	684.9	415.1
3:23:48	0:53:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.4	118.7	124.8	129.1	78.7	75.8	109.7	324.2	684.9	413.6
3:24:48	0:54:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.5	121.5	124.7	130.4	78.6	75.8	110.8	324.2	684.9	412.0
3:25:48	0:55:06	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.1	119.2	124.4	124.6	132.1	78.5	75.8	110.1	324.2	684.9	412.0
3:26:48	0:56:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	119.2	127.0	124.5	132.1	78.4	75.9	110.1	324.2	684.9	410.5
3:27:48	0:57:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.7	122.8	124.4	131.9	78.3	75.9	110.1	324.2	684.9	409.0
3:28:48	0:58:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	118.4	124.5	124.4	131.9	78.2	75.9	110.1	324.2	684.9	407.5
3:29:48	0:59:06	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	118.9	123.6	124.4	131.6	78.1	76.0	110.1	324.2	684.9	406.0

EXPOSURE(1) SUMMARY 06/05/2015 06:33:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:42	1:00:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.7	118.2	117.8	119.9	124.4	131.6	78.1	76.2	110.1	324.2	684.9	406.0

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 130.0 MAX GAS TEMP: 118.6
END PRESS: 0028.7 MIN PRESS: 0028.7 MIN TEMP: 117.7 DRM1 END: 324.2 DRM2 END: 684.9 MIN PRE TEMP: 120.9 MIN GAS TEMP: 078.0
PRESS CHANGE: 000.3 ETO USED 1: -000.1 ETO USED 2: 000.1 MAX VAP TEMP: 132.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/05/2015 06:33:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:42	0:00:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.7	118.2	117.8	119.9	124.4	131.6	78.1	76.2	110.1	324.2	684.9	406.0
3:31:42	0:01:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	120.1	128.9	124.3	131.6	78.1	76.2	110.1	324.2	684.9	406.0
3:32:42	0:02:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.6	122.6	124.2	131.4	78.0	76.2	110.1	324.2	684.9	404.5
3:33:42	0:03:00	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.1	117.5	120.6	124.1	131.4	77.9	76.3	110.1	324.2	684.9	403.0
3:34:42	0:04:00	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	116.9	118.7	118.7	118.2	122.4	135.7	129.1	131.2	77.9	76.3	110.1	324.2	684.9	401.5
3:35:42	0:05:00	28.7	28.9	30.2	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	124.6	140.5	129.4	131.1	77.9	76.3	110.2	324.2	684.9	400.0
3:36:43	0:06:01	28.7	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	119.2	123.3	129.2	131.1	77.8	76.3	110.2	324.2	684.9	399.9
3:37:43	0:07:01	28.7	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.4	116.6	115.7	129.0	130.9	77.8	76.3	110.1	324.2	684.9	398.4
3:38:43	0:08:01	28.7	28.8	30.2	76.6	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	116.4	115.2	129.0	130.8	77.7	76.3	110.1	324.2	684.9	398.5
3:39:43	0:09:01	28.7	28.8	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	116.2	115.5	128.8	130.7	77.7	76.3	110.1	324.2	684.9	397.0
BEGIN GAS ADDITION (3) (gbonilla) 06/05/2015 06:42:29																							
3:40:06	0:09:26	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	116.1	115.6	128.8	130.7	77.7	76.2	110.0	324.2	684.9	396.9
END GAS ADDITION (3) (gbonilla) 06/05/2015 06:42:42																							
3:40:21	0:09:39	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	116.1	115.6	128.8	130.6	78.6	76.3	110.0	324.2	684.9	396.9
3:40:43	0:10:01	29.0	29.1	30.2	77.1	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	116.0	115.6	128.9	130.6	83.0	76.3	110.0	324.2	684.9	400.0
3:41:43	0:11:01	29.0	29.1	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	117.6	123.2	128.8	130.5	83.1	76.3	110.0	324.2	684.9	398.5
3:42:43	0:12:01	29.0	29.1	30.2	76.6	100.0	117.8	118.5	118.1	116.8	118.5	118.5	118.1	118.7	124.3	128.7	130.4	82.3	76.2	110.0	324.2	684.9	394.0
3:43:43	0:13:01	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.5	118.5	118.1	119.9	128.7	128.7	130.3	81.7	76.2	110.0	324.2	684.9	392.4
3:44:43	0:14:01	29.0	29.1	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.8	121.5	128.6	130.2	81.1	76.2	110.0	324.2	684.9	391.0
3:45:43	0:15:01	29.0	29.1	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.6	118.6	118.1	119.2	125.1	128.4	130.1	80.7	76.0	109.9	324.2	684.8	389.4
3:46:44	0:16:02	29.0	29.1	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	118.8	125.9	128.4	130.0	80.2	76.0	109.9	324.2	684.9	387.9

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3:47:44	0:17:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.8	123.3	128.3	129.9	79.8	75.9	109.9	324.2	684.9	387.9
3:48:44	0:18:02	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.5	119.5	128.2	129.8	79.5	75.9	109.9	324.2	684.9	386.4
3:49:44	0:19:02	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.8	128.3	128.1	129.7	79.2	76.0	109.9	324.2	684.9	386.4
3:50:44	0:20:02	29.0	29.1	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	118.3	122.1	127.9	129.6	79.0	75.9	109.9	324.2	684.9	386.5
3:51:44	0:21:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	120.0	127.5	127.8	129.6	78.8	75.9	109.8	324.2	684.9	384.9
3:52:44	0:22:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.1	121.2	127.8	129.5	78.5	75.9	109.8	324.2	684.9	384.9
3:53:44	0:23:02	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	120.3	127.9	127.8	129.4	78.3	75.9	109.8	324.2	684.9	383.4
3:54:44	0:24:02	29.0	29.1	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.2	118.3	121.4	127.7	129.3	78.2	75.9	109.8	324.2	684.9	383.4
3:55:45	0:25:03	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.4	118.8	127.6	129.2	78.1	75.8	109.8	324.2	684.9	381.9
3:56:45	0:26:03	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	120.0	128.4	127.5	129.1	77.9	75.9	109.8	324.2	684.9	381.9
3:57:45	0:27:03	29.0	29.1	30.2	76.2	100.0	117.9	118.6	118.3	116.9	118.7	118.7	118.2	118.3	121.8	127.4	129.0	77.9	75.9	109.8	324.2	684.9	381.9
3:58:45	0:28:03	29.0	29.1	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	117.6	121.7	127.4	128.9	77.8	75.9	109.7	324.2	684.9	381.9
3:59:45	0:29:03	29.0	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.2	119.0	124.4	127.3	128.8	77.7	75.9	109.7	324.2	684.9	381.9
4:00:45	0:30:03	28.9	29.1	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.6	119.8	127.3	128.7	77.5	75.9	109.7	324.2	684.9	380.4
4:01:45	0:31:03	28.9	29.1	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.2	127.2	127.2	128.6	77.5	75.9	109.7	324.2	684.9	380.4
4:02:45	0:32:03	28.9	29.1	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	118.9	124.0	127.0	128.5	77.5	75.9	109.7	324.2	684.9	378.9
4:03:46	0:33:04	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.6	119.8	127.0	128.5	77.5	76.0	109.7	324.2	684.9	377.4
4:04:46	0:34:04	28.9	29.0	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.4	127.5	126.8	128.4	77.4	75.9	109.6	324.2	684.9	377.3
4:05:46	0:35:04	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.4	122.5	126.7	128.3	77.3	76.0	109.6	324.2	684.9	377.3
4:06:46	0:36:04	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.4	124.7	126.7	128.2	77.3	76.2	109.6	324.2	684.9	375.9
4:07:46	0:37:04	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.8	118.7	118.2	118.8	123.4	126.7	128.1	77.2	76.2	109.6	324.2	684.9	375.9
4:08:46	0:38:04	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.6	118.5	118.1	118.0	123.1	126.5	128.0	77.2	76.2	109.6	324.2	684.9	375.9
4:09:46	0:39:04	28.9	29.0	30.2	76.1	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.2	120.9	129.8	126.5	127.9	77.2	76.3	109.6	324.2	684.9	375.8
4:10:46	0:40:04	28.9	29.0	30.2	76.1	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.2	118.7	122.3	126.3	127.8	77.2	76.2	109.6	324.2	684.9	375.8
4:11:46	0:41:04	28.9	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.6	119.3	126.3	127.7	77.2	76.3	109.6	324.2	684.9	372.9
4:12:47	0:42:05	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.0	117.9	126.4	127.6	77.1	76.4	109.6	324.2	684.9	372.8
4:13:47	0:43:05	28.9	29.0	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.1	116.9	119.7	126.3	127.5	77.1	76.4	109.6	324.2	684.9	371.3
4:14:47	0:44:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.2	125.4	126.2	127.5	77.1	76.4	109.5	324.2	684.9	371.3
4:15:47	0:45:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.6	125.4	126.1	127.4	77.1	76.4	109.5	324.2	684.9	369.8
4:16:47	0:46:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.7	123.3	126.0	127.2	77.0	76.4	109.5	324.2	684.9	370.1
4:17:47	0:47:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	117.5	119.4	125.9	127.2	77.1	76.4	109.5	324.2	684.9	369.9
4:18:47	0:48:05	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.6	118.6	118.1	120.3	127.8	125.8	127.1	77.1	76.4	109.4	324.2	684.9	369.8
4:19:47	0:49:05	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.2	118.1	121.2	125.8	127.0	77.0	76.3	109.4	324.2	684.9	369.8
4:20:47	0:50:05	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.2	118.7	125.7	127.0	77.0	76.3	109.4	324.2	684.9	369.8
4:21:48	0:51:06	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	119.9	128.4	125.7	126.9	77.0	76.3	109.4	324.2	684.9	369.9
4:22:48	0:52:06	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.1	118.2	121.9	125.5	126.7	77.0	76.2	109.3	324.2	684.9	368.3
4:23:48	0:53:06	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.7	118.5	118.1	120.3	128.7	125.4	126.7	77.0	76.2	109.3	324.2	684.9	368.3
4:24:48	0:54:06	28.9	29.0	30.2	76.1	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	118.2	121.6	125.4	126.6	76.9	76.2	109.3	324.2	684.9	366.8
4:25:48	0:55:06	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.8	122.4	125.4	126.5	76.9	76.2	109.3	324.2	684.9	366.7
4:26:48	0:56:06	28.9	29.0	30.2	76.1	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	122.6	136.6	125.3	126.4	76.9	76.2	109.3	324.2	684.9	366.8
4:27:48	0:57:06	28.9	29.0	30.2	76.2	100.0	118.2	118.9	118.6	117.2	119.0	118.8	118.4	121.7	131.3	125.1	126.3	76.9	76.0	109.3	324.2	684.9	366.8
4:28:48	0:58:06	28.9	29.0	30.2	76.1	100.0	118.2	118.9	118.6	117.2	119.0	118.9	118.4	117.2	117.8	125.1	126.3	76.9	76.2	109.3	324.2	684.9	365.3
4:29:48	0:59:06	28.9	29.0	30.2	76.1	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	116.2	115.2	125.0	126.2	76.8	76.2	109.3	324.2	684.9	365.3
4:30:48	1:00:06	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.3	116.0	115.3	124.9	126.0	76.8	76.0	109.1	324.2	684.9	365.3
4:31:49	1:01:07	28.9	29.0	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.5	118.5	118.1	116.6	119.8	124.8	126.0	76.8	76.0	109.1	324.2	684.9	363.8
4:32:49	1:02:07	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	119.0	125.3	124.8	125.9	76.8	76.0	109.1	324.2	684.8	363.8
4:33:49	1:03:07	28.9	29.0	30.2	76.2	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.8	128.6	124.7	125.8	76.8	76.0	109.1	324.2	684.9	363.8
4:34:49	1:04:07	28.9	29.0	30.2	76.2	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	118.1	121.8	124.6	125.7	76.8	76.0	109.1	324.2	684.9	363.8
4:35:49	1:05:07	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	120.0	128.4	124.6	125.6	76.8	76.0	109.1	324.2	684.9	363.8
4:36:49	1:06:07	28.9	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.6	118.6	118.2	118.2	121.8	124.5	125.6	76.8	76.0	109.1	324.2	684.8	363.8
4:37:49	1:07:07	28.9	29.0	30.2	76.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	118.3	124.8	124.4	125.5	76.8	76.0	109.1	324.2	684.9	362.2
4:38:49	1:08:07	28.8	29.0	30.2	76.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	120.1	127.6	124.4	125.3	76.7	76.0	109.1	324.2	684.8	362.3
4:39:50	1:09:08	28.9	29.0	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	118.2	121.3	124.3	125.3	76.8	76.0	109.0	324.2	684.9	362.3
4:40:50	1:10:08	28.9	29.0	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	117.3	119.0	124.3	125.2	76.7	76.2	109.1	324.2	684.9	362.3
4:41:50	1:11:08	28.9	29.0	30.2	76.2	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	122.0	134.8	124.2	125.1	76.7	76.2	109.0	324.2	684.9	362.3
4:42:50	1:12:08	28.9	29.0	30.2	76.1	100.0	118.2	118.9	118.5	117.2	119.1	118.9	118.4	122.4	133.5	124.1	125.0	76.8	76.2	109.1	324.2	684.8	362.3
4:43:50	1:13:08	28.9	29.0	30.2	76.1	100.0	118.3	119.1	118.6	117.3	119.0	118.8	118.5	117.5	118.8	125.0	124.9	76.8	76.2	109.0	324.2	684.9	360.7
4:44:50	1:14:08	28.9	29.0	30.2	76.1	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.4	116.2	115.2	128.9	124.8	76.8	76.3	109.0	324.2	684.9	360.7

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4:45:50	1:15:08	28.8	29.0	30.2	76.2	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.1	115.2	128.8	124.8	76.8	76.2	108.9	324.2	684.9	360.8
4:46:50	1:16:08	28.8	29.0	30.2	76.2	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.7	120.0	128.6	124.7	76.8	76.3	109.0	324.2	684.9	360.8
4:47:51	1:17:09	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.0	125.2	128.6	124.6	76.7	76.2	108.9	324.2	684.9	359.3
4:48:51	1:18:09	28.8	29.0	30.2	76.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.6	128.6	128.5	124.5	76.7	76.2	108.9	324.2	684.9	359.3
4:49:51	1:19:09	28.8	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	122.4	128.4	124.4	76.7	76.2	108.9	324.2	684.9	359.3
4:50:51	1:20:09	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.2	118.9	128.3	124.3	76.7	76.0	108.8	324.2	684.9	359.3
4:51:51	1:21:09	28.8	29.0	30.2	76.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	120.0	128.9	128.4	124.2	76.7	76.2	108.8	324.2	684.9	359.3
4:52:51	1:22:09	28.8	29.0	30.2	76.2	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.2	121.9	128.3	124.2	76.8	76.2	108.8	324.2	684.9	359.3
4:53:51	1:23:09	28.8	29.0	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.9	126.5	128.2	124.1	76.7	76.2	108.8	324.2	684.9	359.3
4:54:51	1:24:09	28.8	29.0	30.2	76.7	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.6	123.1	128.1	124.0	76.7	76.0	108.7	324.2	684.9	359.3
4:55:51	1:25:09	28.8	29.0	30.2	76.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.4	119.8	127.9	124.0	76.8	75.9	108.7	324.2	684.9	357.7
4:56:51	1:26:09	28.8	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.9	127.2	127.9	123.8	76.7	75.9	108.7	324.2	684.9	357.8
4:57:52	1:27:10	28.8	29.0	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	118.0	120.9	127.8	123.8	76.7	76.0	108.7	324.2	684.8	357.8
4:58:52	1:28:10	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.2	118.5	127.7	123.7	76.7	76.0	108.7	324.2	684.9	357.8
4:59:52	1:29:10	28.8	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	118.6	125.7	127.6	123.6	76.7	76.0	108.7	324.2	684.9	357.7
5:00:52	1:30:10	28.8	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	118.7	123.6	127.5	123.5	76.7	75.9	108.6	324.2	684.9	356.3
5:01:52	1:31:10	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.3	119.4	127.4	123.4	76.7	76.0	108.6	324.2	684.8	356.3
5:02:52	1:32:10	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	120.9	131.3	127.4	123.4	76.7	76.0	108.6	324.2	684.9	356.3
5:03:52	1:33:10	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.2	118.6	122.9	127.2	123.3	76.6	76.0	108.6	324.2	684.9	356.3
5:04:52	1:34:10	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.5	119.4	127.3	123.2	76.7	76.0	108.5	324.2	684.9	356.3
5:05:52	1:35:10	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.1	120.4	127.3	123.2	76.7	76.0	108.5	324.2	684.9	356.3
5:06:53	1:36:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	119.2	125.1	127.0	123.1	76.7	75.9	108.5	324.2	684.9	354.7
5:07:53	1:37:11	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.5	120.0	127.0	123.0	76.6	76.0	108.5	324.2	684.8	354.8
5:08:53	1:38:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.9	126.2	126.9	122.9	76.7	76.0	108.5	324.2	684.9	354.7
5:09:53	1:39:11	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.6	123.1	126.9	122.8	76.6	76.0	108.5	324.2	684.9	354.8
5:10:53	1:40:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.7	122.2	126.8	122.8	76.7	76.0	108.4	324.2	684.8	354.8
5:11:53	1:41:11	28.8	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	119.0	124.6	126.7	122.6	76.6	76.0	108.4	324.2	684.9	354.7
5:12:53	1:42:11	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.6	120.0	126.7	122.6	76.7	76.0	108.3	324.2	684.9	354.8
5:13:53	1:43:11	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.7	125.6	126.6	122.5	76.6	76.0	108.4	324.2	684.9	354.8
5:14:53	1:44:11	28.8	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.7	118.7	118.2	120.9	130.2	126.6	122.4	76.6	76.0	108.4	324.2	684.9	354.8
5:15:54	1:45:12	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.5	117.1	118.8	118.7	118.3	118.4	122.3	126.4	122.4	76.6	76.0	108.4	324.2	684.9	354.7
5:16:54	1:46:12	28.8	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	116.0	115.3	126.3	122.2	76.6	76.2	108.4	324.2	684.9	354.8
5:17:54	1:47:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	116.5	119.7	126.3	122.2	76.6	76.2	108.4	324.2	684.9	353.2
5:18:54	1:48:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.2	119.0	125.5	126.3	122.1	76.6	76.2	108.3	324.2	684.9	353.2
5:19:54	1:49:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.6	126.0	126.2	122.0	76.6	76.2	108.3	324.2	684.8	353.3
5:20:54	1:50:12	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.7	123.6	126.1	122.0	76.7	76.2	108.3	324.2	684.9	353.2
5:21:54	1:51:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.2	117.3	119.3	126.0	121.9	76.7	76.2	108.3	324.2	684.8	353.2
5:22:54	1:52:12	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	120.4	129.8	125.9	121.8	76.6	76.2	108.3	324.2	684.8	353.2
5:23:54	1:53:12	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	118.3	122.3	126.0	121.7	76.6	76.2	108.2	324.2	684.9	353.3
5:24:55	1:54:13	28.8	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	117.2	118.9	125.8	121.7	76.6	76.2	108.2	324.2	684.9	353.2
5:25:55	1:55:13	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	121.5	133.6	125.8	121.6	76.6	76.2	108.2	324.2	684.9	351.7
5:26:55	1:56:13	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.5	117.1	119.0	118.8	118.4	124.1	140.4	125.6	121.5	76.6	76.0	108.2	324.2	684.9	351.7
5:27:55	1:57:13	28.8	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.2	119.2	118.9	118.5	119.2	123.8	125.6	121.4	76.6	75.9	108.2	324.2	684.8	351.7
5:28:55	1:58:13	28.8	28.9	30.2	76.6	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	116.5	115.9	125.6	121.3	76.6	76.2	108.2	324.2	684.8	351.7
5:29:55	1:59:13	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.2	118.9	118.8	118.4	116.2	115.2	125.4	121.3	76.6	76.0	108.2	324.2	684.8	351.7
5:30:55	2:00:13	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	116.1	115.4	125.4	121.2	76.6	76.2	108.2	324.2	684.9	351.8
5:31:55	2:01:13	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	115.8	115.4	125.3	121.1	76.6	76.0	108.1	324.2	684.9	351.8
5:32:56	2:02:14	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	119.8	129.0	125.2	121.1	76.6	76.0	108.0	324.2	684.9	350.2
5:33:56	2:03:14	28.8	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	117.8	122.7	125.2	121.0	76.6	76.2	108.0	324.2	684.9	350.2
5:34:56	2:04:14	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.9	124.8	125.2	120.9	76.6	76.2	108.1	324.2	684.9	350.2
5:35:56	2:05:14	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	117.4	121.0	125.0	120.8	76.6	76.2	108.0	324.2	684.9	350.2
5:36:56	2:06:14	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	121.6	132.8	125.0	120.8	76.6	76.3	108.1	324.2	684.8	350.2
5:37:56	2:07:14	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.9	123.5	125.0	120.7	76.6	76.2	108.0	324.2	684.8	350.3
5:38:56	2:08:14	28.8	28.9	30.2	76.6	100.0	118.1	118.8	118.5	117.1	118.8	118.7	118.3	117.7	119.7	125.1	120.6	76.6	76.3	108.0	324.2	684.8	350.2
5:39:56	2:09:14	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	117.0	118.0	125.0	120.5	76.6	76.2	108.0	324.2	684.9	350.2
5:40:57	2:10:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	116.6	117.2	124.7	120.5	76.6	76.0	107.9	324.2	684.9	350.3
5:41:57	2:11:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	120.0	128.4	124.6	120.4	76.6	76.0	107.9	324.2	684.9	350.3
5:42:57	2:12:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	117.8	121.7	124.6	120.3	76.6	76.0	107.9	324.2	684.9	350.2

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5:43:57	2:13:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	119.2	125.0	124.5	120.2	76.6	76.0	107.9	324.2	684.9	350.3
5:44:57	2:14:15	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.5	119.9	124.5	120.1	76.6	76.0	107.9	324.2	684.9	350.2
5:45:57	2:15:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	119.3	127.6	124.4	120.1	76.6	75.9	107.9	324.2	684.8	348.7
5:46:57	2:16:15	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	122.6	124.3	120.0	76.6	75.9	107.9	324.2	684.9	348.8
5:47:57	2:17:15	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	117.2	119.4	124.4	119.8	76.6	75.9	107.9	324.2	684.9	350.2
5:48:57	2:18:15	28.8	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	121.8	134.9	124.2	119.8	76.6	75.9	107.8	324.2	684.8	348.7
5:49:58	2:19:15	28.8	28.9	30.2	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	123.4	137.0	124.1	119.8	76.5	75.8	107.8	324.2	684.9	348.7
5:50:58	2:20:16	28.8	28.9	30.2	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	118.0	120.4	127.6	119.7	76.5	75.8	107.8	324.2	684.9	348.7
5:51:58	2:21:16	28.8	28.9	30.2	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.5	116.3	115.4	129.2	119.6	76.6	75.9	107.8	324.2	684.9	348.8
5:52:58	2:22:16	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	116.1	115.2	128.7	119.6	76.6	75.8	107.7	324.2	684.8	348.8
5:53:58	2:23:16	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	115.9	115.3	128.8	119.5	76.6	75.9	107.7	324.2	684.9	348.8
5:54:58	2:24:16	28.8	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.3	128.7	128.7	119.3	76.5	75.9	107.7	324.2	684.9	348.7
5:55:58	2:25:16	28.8	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	118.3	123.4	128.8	119.3	76.5	75.9	107.7	324.2	684.9	348.7
5:56:58	2:26:16	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	119.0	127.4	128.6	119.3	76.5	75.8	107.6	324.2	684.8	347.5
5:57:58	2:27:16	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	122.9	128.6	119.2	76.5	75.8	107.6	324.2	684.8	347.2
5:58:59	2:28:17	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	117.1	119.0	128.5	119.1	76.4	75.8	107.6	324.2	684.9	347.2
5:59:59	2:29:17	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	119.9	129.7	128.5	119.1	76.5	75.8	107.6	324.2	684.9	347.2
6:00:59	2:30:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	119.9	127.3	128.4	122.3	76.5	75.8	108.8	324.2	684.9	347.2
6:01:59	2:31:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.0	121.0	128.4	122.4	76.4	75.8	108.0	324.2	684.9	347.2
6:02:59	2:32:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.2	118.6	128.2	122.4	76.4	75.8	107.9	324.2	684.8	347.3
6:03:59	2:33:17	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	116.7	117.4	128.1	122.3	76.4	75.7	107.9	324.2	684.9	347.2
6:04:59	2:34:17	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.8	128.4	128.1	122.3	76.4	75.8	107.9	324.2	684.9	345.7
6:05:59	2:35:17	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	118.1	122.1	128.1	122.1	76.4	75.8	107.9	324.2	684.8	345.7
6:07:00	2:36:17	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	119.4	126.1	127.9	122.1	76.4	75.8	107.9	324.2	684.9	345.7
6:08:00	2:37:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.8	120.4	127.8	122.0	76.4	75.9	107.9	324.2	684.9	345.7
6:09:00	2:38:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.7	118.3	117.0	118.2	127.7	122.0	76.5	75.9	107.9	324.2	684.9	345.7
6:10:00	2:39:18	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	120.3	130.9	127.7	121.8	76.4	76.0	108.0	324.2	684.9	345.8
6:11:00	2:40:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	119.0	124.7	127.6	121.7	76.4	76.0	108.0	324.2	684.9	345.7
6:12:00	2:41:18	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.7	120.1	127.5	121.7	76.5	76.0	107.9	324.2	684.9	345.7
6:13:00	2:42:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.0	118.1	127.4	121.6	76.5	76.2	107.9	324.2	684.8	345.7
6:14:00	2:43:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.5	130.4	127.3	121.5	76.5	76.2	107.9	324.2	684.8	345.7
6:15:00	2:44:18	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	118.4	122.9	127.2	121.5	76.4	76.3	107.9	324.2	684.8	345.8
6:16:01	2:45:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.3	117.3	119.3	127.1	121.4	76.5	76.3	107.9	324.2	684.9	345.7
6:17:01	2:46:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	116.9	119.7	127.1	121.4	76.6	76.4	107.9	324.2	684.9	345.7
6:18:01	2:47:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.3	125.9	127.1	121.2	76.5	76.3	107.9	324.2	684.8	345.7
6:19:01	2:48:19	28.7	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	117.6	120.2	126.9	121.2	76.5	76.4	107.9	324.2	684.9	345.7
6:20:01	2:49:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	116.8	118.0	126.9	121.1	76.5	76.4	107.9	324.2	684.9	345.7
6:21:01	2:50:19	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.9	128.4	126.9	121.0	76.5	76.3	107.9	324.2	684.9	344.2
6:22:01	2:51:19	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.8	121.9	126.8	120.9	76.5	76.4	107.9	324.2	684.9	345.7
6:23:01	2:52:19	28.7	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	121.0	130.7	126.6	120.9	76.6	76.4	107.9	324.2	684.9	344.2
6:24:01	2:53:19	28.7	28.9	30.2	76.6	100.0	118.0	118.8	118.4	117.0	118.8	118.7	118.3	118.3	121.8	126.6	120.8	76.5	76.4	107.9	324.2	684.9	344.2
6:25:02	2:54:20	28.7	28.9	30.2	76.6	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.2	115.4	113.8	126.6	120.7	76.5	76.4	107.9	324.2	684.9	344.2
6:26:02	2:55:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	117.7	124.0	126.5	120.7	76.6	76.4	107.9	324.2	684.8	344.2
6:27:02	2:56:20	28.7	28.9	30.2	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.4	124.1	126.4	120.7	76.6	76.4	107.8	324.2	684.9	344.2
6:28:02	2:57:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.8	127.9	126.5	120.5	76.6	76.4	107.8	324.2	684.9	344.2
6:29:02	2:58:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.3	124.8	126.3	120.4	76.6	76.4	107.8	324.2	684.9	344.1
6:30:02	2:59:20	28.7	28.9	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	118.8	123.8	126.2	120.4	76.6	76.4	107.8	324.2	684.9	344.2
6:31:02	3:00:20	28.7	28.9	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.4	119.4	126.2	120.3	76.6	76.4	107.8	324.2	684.8	344.2
6:32:02	3:01:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	118.2	124.3	126.1	120.2	76.6	76.4	107.8	324.2	684.8	344.3
6:33:02	3:02:20	28.7	28.9	30.2	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.0	124.7	126.0	120.1	76.6	76.4	107.8	324.2	684.8	344.2
6:34:02	3:03:20	28.7	28.8	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.5	120.4	125.9	120.1	76.6	76.4	107.8	324.2	684.8	344.2
6:35:03	3:04:21	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.7	118.6	118.2	120.8	129.9	125.9	120.0	76.5	76.4	107.8	324.2	684.9	344.2
6:36:03	3:05:21	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.3	122.2	125.7	119.8	76.6	76.4	107.8	324.2	684.8	344.1
6:37:03	3:06:21	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	117.4	119.0	125.7	119.8	76.6	76.4	107.8	324.2	684.8	342.7
6:38:03	3:07:21	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	116.9	117.7	125.7	119.8	76.6	76.4	107.8	324.2	684.9	342.7
6:39:03	3:08:21	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	116.4	116.9	125.5	119.7	76.6	76.4	107.7	324.2	684.9	342.7
6:40:03	3:09:21	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.8	127.9	125.5	119.7	76.6	76.4	107.7	324.2	684.9	342.7
6:41:03	3:10:21	28.7	28.8	30.2	76.6	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.8	123.5	125.4	119.6	76.5	76.4	107.7	324.2	684.9	342.6

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6:42:03	3:11:21	28.7	28.9	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.2	121.9	133.8	125.5	119.5	76.5	76.4	107.7	324.2	684.9	342.8
6:43:03	3:12:21	28.7	28.8	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.9	118.8	118.3	118.9	123.9	125.4	119.3	76.5	76.4	107.7	324.2	684.8	342.7
6:44:04	3:13:22	28.7	28.9	30.2	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.2	116.3	116.2	125.2	119.3	76.5	76.4	107.7	324.2	684.9	342.7
6:45:04	3:14:22	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.3	122.0	125.1	119.2	76.5	76.4	107.6	324.2	684.8	342.7
6:46:04	3:15:22	28.7	28.8	30.2	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.9	127.8	125.1	119.2	76.5	76.4	107.7	324.2	684.9	342.7
6:47:04	3:16:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	117.7	120.7	125.1	119.1	76.5	76.3	107.6	324.2	684.8	342.7
6:48:04	3:17:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	116.9	118.1	125.0	119.1	76.6	76.3	107.5	324.2	684.9	342.7
6:49:04	3:18:22	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.8	128.7	124.9	122.0	76.6	76.4	109.1	324.2	684.9	342.7
6:50:04	3:19:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	118.2	122.1	124.9	122.3	76.6	76.4	108.0	324.2	684.9	341.2
6:51:04	3:20:22	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.0	118.7	124.7	122.2	76.5	76.4	107.9	324.2	684.9	341.2
6:52:04	3:21:22	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	121.1	132.9	124.6	122.2	76.6	76.4	107.9	324.2	684.9	341.2
6:53:05	3:22:23	28.7	28.8	30.1	76.6	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	123.9	140.3	124.6	122.1	76.6	76.4	108.0	324.2	684.8	341.2
6:54:05	3:23:23	28.7	28.9	30.1	76.6	100.0	118.3	119.1	118.7	117.3	119.2	119.0	118.5	119.3	124.5	124.6	122.0	76.5	76.4	108.0	324.2	684.8	341.2
6:55:05	3:24:23	28.7	28.8	30.1	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	116.5	116.0	124.5	122.0	76.6	76.4	108.0	324.2	684.8	341.2
6:56:05	3:25:23	28.7	28.8	30.1	76.6	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	116.1	115.1	124.5	121.9	76.6	76.6	108.0	324.2	684.9	341.1
6:57:05	3:26:23	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	115.9	115.3	124.3	121.8	76.5	76.6	108.0	324.2	684.8	341.2
6:58:05	3:27:23	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	115.7	115.4	124.3	121.8	76.6	76.6	107.9	324.2	684.8	341.1
6:59:05	3:28:23	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.8	129.1	124.2	121.7	76.6	76.6	108.0	324.2	684.8	341.2
7:00:05	3:29:23	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.8	123.6	124.2	121.6	76.6	76.7	108.0	324.2	684.9	341.2
7:01:05	3:30:23	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.9	124.7	124.1	121.5	76.6	76.7	108.0	324.2	684.8	341.2
7:02:06	3:31:23	28.7	28.8	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.3	119.6	125.9	121.4	76.6	76.7	108.0	324.2	684.9	341.1
	BEGIN GAS ADDITION (3) (CMAPPA) 06/05/2015 10:05:20																						
7:03:00	3:32:18	28.7	28.8	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.9	129.7	129.3	121.4	76.6	76.7	108.0	324.2	684.9	341.2
7:03:06	3:32:24	28.8	29.0	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	120.3	130.4	129.3	121.4	76.6	76.8	108.1	324.2	684.8	341.2
	END GAS ADDITION (4) (CMAPPA) 06/05/2015 10:05:33																						
7:03:12	3:32:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	120.5	130.4	129.3	121.4	77.4	76.7	108.0	324.2	684.9	341.2
7:04:06	3:33:24	29.0	29.2	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.7	120.6	129.2	121.3	81.6	76.8	108.0	324.2	684.8	344.2
7:05:06	3:34:24	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	114.7	113.0	129.1	121.2	81.0	76.8	108.0	324.2	684.9	341.2
7:06:06	3:35:24	29.0	29.1	30.1	77.1	100.0	117.7	118.3	118.1	116.8	118.5	118.5	118.2	118.9	127.9	128.9	121.1	80.4	76.8	107.9	324.2	684.8	341.2
7:07:06	3:36:24	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	117.8	122.4	128.7	121.1	80.0	76.8	108.0	324.2	684.8	339.7
7:08:06	3:37:24	29.0	29.2	30.1	77.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.2	125.9	128.8	121.1	79.6	76.9	108.0	324.2	684.9	338.1
7:09:06	3:38:24	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.6	128.6	128.7	120.9	79.2	76.9	108.0	324.2	684.8	338.1
7:10:06	3:39:24	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.3	122.3	128.5	120.8	79.0	76.9	107.9	324.2	684.8	338.1
7:11:07	3:40:24	29.0	29.2	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.4	130.9	128.5	120.8	78.7	76.9	108.0	324.2	684.9	338.2
7:12:07	3:41:25	29.0	29.2	30.1	77.1	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	123.5	138.0	128.5	120.7	78.5	77.0	108.1	324.2	684.9	338.2
7:13:07	3:42:25	29.0	29.2	30.1	76.6	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	118.3	121.4	128.5	120.7	78.3	77.1	108.1	324.2	684.8	338.1
7:14:07	3:43:25	29.0	29.2	30.1	76.6	100.0	118.2	118.9	118.5	117.3	118.9	118.8	118.5	116.2	115.5	128.4	120.5	78.1	77.1	108.1	324.2	684.9	338.2
7:15:07	3:44:25	29.0	29.2	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.4	115.9	115.1	128.3	120.4	77.9	77.1	108.0	324.2	684.8	338.2
7:16:07	3:45:25	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.9	115.3	128.2	120.4	77.9	77.1	108.0	324.2	684.8	338.2
7:17:07	3:46:25	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	118.2	125.3	128.2	120.4	77.8	77.1	108.0	324.2	684.9	338.2
7:18:07	3:47:25	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.3	123.6	128.1	120.3	77.7	77.2	108.0	324.2	684.9	338.2
7:19:07	3:48:25	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.8	127.9	127.9	120.3	77.7	77.2	108.0	324.2	684.9	336.6
7:20:08	3:49:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.7	120.9	127.8	120.1	77.5	77.1	107.9	324.2	684.8	336.7
7:21:08	3:50:26	29.0	29.2	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.8	118.2	127.7	120.1	77.5	77.2	107.9	324.2	684.8	336.7
7:22:08	3:51:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.6	126.9	127.7	120.0	77.4	77.2	107.9	324.2	684.9	336.7
7:23:08	3:52:26	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.7	120.6	127.6	119.8	77.4	77.2	107.9	324.2	684.8	336.7
7:24:08	3:53:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.8	118.1	127.5	119.8	77.4	77.2	107.9	324.2	684.9	336.7
7:25:08	3:54:26	29.0	29.1	30.1	77.0	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	119.9	128.6	127.4	119.8	77.3	77.2	107.9	324.2	684.9	336.6
7:26:08	3:55:26	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.8	121.4	127.4	119.8	77.3	77.2	108.0	324.2	684.9	336.6
7:27:08	3:56:26	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.9	128.9	127.4	119.6	77.3	77.2	107.9	324.2	684.9	336.7
7:28:09	3:57:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	118.2	122.1	127.3	119.5	77.2	77.2	107.9	324.2	684.9	336.7
7:29:09	3:58:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.2	117.2	119.0	127.1	119.5	77.3	77.2	107.9	324.2	684.8	336.6
7:30:09	3:59:27	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.2	119.3	127.8	127.1	119.3	77.2	77.3	107.9	324.2	684.9	336.7
7:31:09	4:00:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	119.2	125.0	127.0	119.3	77.2	77.3	108.0	324.2	684.9	336.6
7:32:09	4:01:27	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	117.7	120.1	126.9	119.3	77.2	77.3	108.0	324.2	684.8	336.7
7:33:09	4:02:27	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	116.9	118.1	127.0	119.2	77.2	77.3	107.9	324.2	684.9	336.7
7:34:09	4:03:27	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	117.5	122.5	127.0	119.2	77.2	77.3	107.9	324.2	684.9	336.7
7:35:09	4:04:27	29.0	29.1	30.1	77.0	100.0	117.9	118.7	118.2	117.0	118.7	118.5	118.2	118.9	124.7	126.8	119.1	77.2	77.2	107.8	324.2	684.8	336.9

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7:36:09	4:05:27	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	119.8	128.9	126.8	121.9	77.2	77.3	109.3	324.2	684.9	336.7
7:37:10	4:06:28	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	118.4	122.7	126.7	122.2	77.2	77.3	108.3	324.2	684.9	336.6
7:38:10	4:07:28	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.3	119.1	126.6	122.1	77.1	77.2	108.2	324.2	684.8	336.7
7:39:10	4:08:28	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	116.7	117.7	126.6	122.1	77.2	77.3	108.3	324.2	684.9	336.7
7:40:10	4:09:28	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	118.4	125.6	126.5	122.0	77.2	77.3	108.3	324.2	684.9	336.5
7:41:10	4:10:28	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.1	118.4	123.6	126.3	121.9	77.2	77.2	108.3	324.2	684.8	336.7
7:42:10	4:11:28	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.2	120.3	130.9	126.2	121.9	77.2	77.2	108.3	324.2	684.8	336.6
7:43:10	4:12:28	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.9	123.8	126.2	121.8	77.2	77.2	108.3	324.2	684.8	336.7
7:44:10	4:13:28	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	117.6	119.7	126.2	121.7	77.2	77.2	108.3	324.2	684.8	336.7
7:45:10	4:14:28	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	116.9	118.0	126.1	121.6	77.1	77.2	108.3	324.2	684.8	336.7
7:46:10	4:15:28	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.4	128.2	126.0	121.6	77.2	77.2	108.3	324.2	684.8	336.7
7:47:11	4:16:29	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.3	122.7	125.9	121.5	77.2	77.2	108.2	324.2	684.8	336.6
7:48:11	4:17:29	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.1	119.0	125.9	121.4	77.1	77.2	108.3	324.2	684.8	336.7
7:49:11	4:18:29	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	120.3	129.3	125.7	121.4	77.2	77.2	108.2	324.2	684.9	336.7
7:50:11	4:19:29	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	118.2	121.9	125.7	121.3	77.2	77.2	108.3	324.2	684.8	336.7
7:51:11	4:20:29	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.1	118.8	125.7	121.2	77.1	77.3	108.3	324.2	684.9	336.7
7:52:11	4:21:29	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	118.4	125.6	125.7	121.1	77.2	77.3	108.3	324.2	684.8	336.7
7:53:11	4:22:29	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	118.7	123.7	125.6	121.1	77.2	77.2	108.3	324.2	684.8	336.6
7:54:11	4:23:29	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.3	119.4	125.5	121.0	77.2	77.2	108.3	324.2	684.8	336.7
7:55:11	4:24:29	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.2	118.7	126.0	125.5	120.9	77.2	77.3	108.3	324.2	684.8	336.7
7:56:12	4:25:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	118.6	123.4	125.3	120.8	77.2	77.3	108.3	324.2	684.9	335.2
7:57:12	4:26:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.3	119.4	125.3	120.8	77.2	77.3	108.3	324.2	684.9	336.7
7:58:12	4:27:30	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	116.7	118.8	125.1	120.7	77.2	77.4	108.2	324.2	684.9	335.1
7:59:12	4:28:30	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.2	120.4	129.1	125.2	120.7	77.2	77.4	108.3	324.2	684.9	336.7
8:00:12	4:29:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.2	118.0	121.6	125.0	120.5	77.2	77.4	108.3	324.2	684.9	335.1
8:01:12	4:30:30	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.1	118.7	125.0	120.5	77.2	77.4	108.3	324.2	684.8	335.2
8:02:12	4:31:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	119.9	127.6	124.9	120.5	77.3	77.4	108.2	324.2	684.9	336.7
8:03:12	4:32:30	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.8	118.6	118.2	117.8	121.0	124.9	120.4	77.3	77.5	108.3	324.2	684.9	335.1
8:04:12	4:33:30	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.0	118.5	124.8	120.3	77.3	77.5	108.2	324.2	684.8	335.1
8:05:13	4:34:31	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	116.9	120.1	124.7	120.2	77.3	77.6	108.3	324.2	684.9	335.2
8:06:13	4:35:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.1	119.8	127.4	124.7	120.1	77.3	77.6	108.2	324.2	684.9	335.1
8:07:13	4:36:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	117.8	120.9	124.6	120.1	77.4	77.6	108.2	324.2	684.9	335.2
8:08:13	4:37:31	29.0	29.1	30.1	77.1	100.0	117.9	118.7	118.3	116.9	118.7	118.5	118.2	116.9	118.3	124.5	120.0	77.3	77.6	108.2	324.2	684.8	335.2
8:09:13	4:38:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.2	121.3	133.3	124.4	120.0	77.4	77.7	108.2	324.2	684.9	335.1
8:10:13	4:39:31	29.0	29.1	30.1	77.0	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.3	122.5	134.4	124.4	119.8	77.4	77.7	108.3	324.2	684.9	335.1
8:11:13	4:40:31	29.0	29.1	30.1	77.1	100.0	118.2	118.9	118.6	117.2	119.1	118.8	118.4	117.3	119.0	124.4	119.8	77.4	77.7	108.3	324.2	684.9	335.2
8:12:13	4:41:31	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	116.1	115.4	124.3	119.8	77.5	77.8	108.3	324.2	684.8	335.2
8:13:13	4:42:31	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	115.9	115.2	124.3	119.7	77.5	77.7	108.4	324.2	684.8	335.1
8:14:14	4:43:32	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	115.6	115.3	124.2	119.7	77.5	77.7	108.4	324.2	684.8	335.1
8:15:14	4:44:32	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.6	129.0	124.2	119.5	77.5	77.5	108.5	324.2	684.9	335.1
8:16:14	4:45:32	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.1	117.5	122.2	126.7	119.5	77.5	77.4	108.5	324.2	684.9	335.2
8:17:14	4:46:32	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	119.2	125.8	129.5	119.5	77.5	77.2	108.6	324.2	684.9	335.2
8:18:14	4:47:32	29.0	29.1	30.1	77.1	100.0	117.9	118.7	118.3	116.9	118.7	118.6	118.3	117.4	120.1	129.1	119.5	77.6	77.0	108.6	324.2	684.8	335.2
8:19:14	4:48:32	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.6	118.7	118.2	117.0	121.1	129.0	119.3	77.5	76.9	108.7	324.2	684.8	333.6
8:20:14	4:49:32	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	119.0	125.5	128.9	119.2	77.5	76.8	108.8	324.2	684.9	333.6
8:21:14	4:50:32	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	117.4	120.1	128.8	119.3	77.6	76.7	108.8	324.2	684.9	333.6
8:22:14	4:51:32	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.3	117.0	118.6	118.6	118.2	116.6	118.0	128.6	119.2	77.6	76.4	108.9	324.2	684.9	333.6
8:23:15	4:52:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	119.9	129.1	128.7	119.2	77.6	76.4	109.0	324.2	684.9	333.6
8:24:15	4:53:33	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	118.0	122.0	128.6	119.7	77.7	76.3	109.4	324.2	684.9	333.7
8:25:15	4:54:33	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.6	118.7	118.2	116.9	118.8	128.6	122.4	77.7	76.2	109.6	324.2	684.9	333.6
8:26:15	4:55:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	116.3	117.4	128.5	122.4	77.7	75.9	109.5	324.2	684.8	333.6
8:27:15	4:56:33	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.8	118.6	118.6	118.2	119.2	128.4	128.5	122.3	77.7	75.9	109.6	324.2	684.8	332.2
8:28:15	4:57:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.1	122.9	128.4	122.3	77.7	75.8	109.7	324.2	684.8	332.1
8:29:15	4:58:33	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.7	118.2	116.8	119.0	128.3	122.3	77.7	75.7	109.7	324.2	684.9	332.2
8:30:15	4:59:33	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.6	129.3	128.2	122.1	77.7	75.7	109.8	324.2	684.9	332.1
8:31:16	5:00:33	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.6	118.6	118.2	118.1	122.7	128.2	122.1	77.7	75.5	109.9	324.2	684.9	332.1
8:32:16	5:01:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	116.9	118.6	118.7	118.2	117.8	124.1	128.2	122.0	77.7	75.4	110.0	324.2	684.9	332.1
8:33:16	5:02:34	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	122.4	137.1	127.9	122.0	77.7	75.3	110.1	324.2	684.8	332.1

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8:34:16	5:03:34	29.0	29.1	30.1	76.6	100.0	118.2	118.8	118.6	117.2	119.0	118.9	118.4	118.9	124.6	127.9	121.9	77.7	75.3	110.2	324.2	684.9	332.3
8:35:16	5:04:34	29.0	29.1	30.1	76.6	100.0	118.1	118.8	118.5	117.2	118.9	118.9	118.4	116.2	116.4	127.8	121.8	77.7	75.2	110.2	324.2	684.9	332.1
8:36:16	5:05:34	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.8	118.4	115.9	115.5	127.8	121.8	77.7	75.3	110.3	324.2	684.8	332.1
8:37:16	5:06:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	115.8	115.6	127.7	121.7	77.7	75.5	110.3	324.2	684.8	332.1
8:38:16	5:07:34	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.2	117.8	124.6	127.6	121.7	77.8	75.7	110.3	324.1	684.8	332.1
8:39:16	5:08:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	118.6	124.4	127.5	121.6	77.9	76.0	110.3	324.1	684.8	332.1
8:40:16	5:09:34	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.0	119.4	127.5	121.5	77.9	76.4	110.3	324.1	684.9	332.1
8:41:17	5:10:35	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.6	118.2	117.4	122.6	127.4	121.5	78.0	76.7	110.3	324.2	684.8	332.0
8:42:17	5:11:35	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.2	118.9	125.1	127.4	121.4	78.1	77.0	110.3	324.2	684.8	332.1
8:43:17	5:12:35	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	117.4	120.0	127.3	121.4	78.3	77.2	110.3	324.2	684.9	332.1
8:44:17	5:13:35	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	116.7	118.1	127.3	121.2	78.3	77.4	110.3	324.2	684.9	332.1
8:45:17	5:14:35	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.3	119.6	127.1	127.1	121.2	78.4	77.5	110.3	324.2	684.9	332.1
8:46:17	5:15:35	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.6	120.7	127.0	121.1	78.4	77.6	110.3	324.2	684.9	332.1
8:47:17	5:16:35	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.2	118.1	124.4	127.0	121.0	78.5	77.7	110.3	324.2	684.8	332.1
8:48:17	5:17:35	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	119.2	125.3	127.0	121.0	78.6	77.8	110.2	324.2	684.9	332.1
8:49:17	5:18:35	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	117.6	120.2	126.8	121.0	78.6	77.9	110.2	324.2	684.8	332.2
8:50:18	5:19:36	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.3	121.6	126.7	120.8	78.5	77.8	110.1	324.2	684.8	332.1
8:51:18	5:20:36	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.7	118.3	120.7	129.9	126.6	120.7	78.5	77.9	110.1	324.2	684.8	332.1
8:52:18	5:21:36	29.0	29.1	30.1	76.6	100.0	118.1	118.8	118.5	117.1	118.8	118.8	118.3	118.3	122.2	126.7	120.7	78.6	77.9	110.1	324.2	684.9	332.1
8:53:18	5:22:36	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	116.2	116.1	126.6	120.6	78.7	77.9	110.0	324.2	684.9	332.1
8:54:18	5:23:36	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	117.0	118.6	118.5	118.2	117.5	122.6	126.4	120.5	78.7	77.9	109.9	324.2	684.8	332.1
8:55:18	5:24:36	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.8	124.1	126.4	120.4	78.7	77.9	109.9	324.2	684.9	332.1
8:56:18	5:25:36	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	117.0	118.5	118.5	118.1	117.2	119.2	126.3	120.4	78.7	77.9	109.8	324.2	684.9	332.1
8:57:18	5:26:36	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	120.1	128.4	126.3	120.3	78.7	78.0	109.9	324.2	684.9	332.1
8:58:18	5:27:36	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.8	121.3	126.1	120.2	78.7	77.9	109.8	324.2	684.8	332.1
8:59:19	5:28:37	29.0	29.1	30.1	76.6	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	117.0	118.5	126.1	120.1	78.7	77.9	109.7	324.1	684.8	332.1
9:00:19	5:29:37	29.0	29.1	30.1	76.6	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	116.5	118.6	126.0	120.0	78.6	77.9	109.7	324.2	684.8	330.6
9:01:19	5:30:37	29.0	29.1	30.1	76.6	100.0	117.9	118.5	118.3	116.9	118.6	118.6	118.2	119.3	126.3	126.0	119.8	78.7	77.9	109.6	324.2	684.9	330.6
9:02:19	5:31:37	29.0	29.1	30.1	76.6	100.0	118.0	118.6	118.4	117.0	118.6	118.5	118.2	118.3	125.1	125.8	119.8	78.7	77.9	109.6	324.2	684.9	332.1
9:03:19	5:32:37	29.0	29.1	30.1	76.6	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.2	122.7	137.4	125.9	119.8	78.6	77.8	109.5	324.1	684.8	332.1
9:04:19	5:33:37	29.0	29.1	30.1	76.6	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.4	120.3	127.5	125.8	119.7	78.6	77.8	109.5	324.2	684.8	332.1
9:05:19	5:34:37	29.0	29.1	30.1	76.6	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.4	116.5	116.6	125.8	119.6	78.6	77.7	109.4	324.2	684.8	332.1
9:06:19	5:35:37	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.0	115.2	125.7	119.6	78.6	77.8	109.4	324.2	684.8	330.6
9:07:19	5:36:37	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	115.9	115.3	125.5	119.5	78.6	77.7	109.3	324.2	684.8	332.1
9:08:20	5:37:38	29.0	29.1	30.1	76.6	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	120.3	130.5	125.5	119.5	78.6	77.7	109.3	324.2	684.8	332.2
9:09:20	5:38:38	29.0	29.1	30.1	76.6	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.3	118.3	122.7	125.3	119.3	78.6	77.7	109.3	324.2	684.9	330.6
9:10:20	5:39:38	29.0	29.1	30.1	77.2	100.0	117.9	118.6	118.3	117.0	118.7	118.7	118.3	117.1	118.8	125.4	119.3	78.6	77.8	109.3	324.1	684.8	332.2
9:11:20	5:40:38	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.5	117.3	125.4	119.3	78.6	77.7	109.1	324.2	684.8	330.6
9:12:20	5:41:38	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.2	119.8	129.0	125.3	119.2	78.6	77.7	109.1	324.2	684.9	330.6
9:13:20	5:42:38	29.0	29.1	30.1	77.0	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	118.1	122.1	125.2	119.2	78.6	77.7	109.1	324.1	684.8	330.6
9:14:20	5:43:38	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	117.0	120.0	125.1	121.8	78.6	77.7	110.7	324.2	684.8	330.6
9:15:20	5:44:38	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	119.3	125.9	125.0	122.3	78.5	77.7	109.4	324.2	684.9	330.6
9:16:20	5:45:38	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.7	118.6	118.2	117.6	120.3	124.9	122.3	78.5	77.7	109.4	324.2	684.8	330.5
9:17:21	5:46:39	29.0	29.1	30.1	77.1	100.0	118.0	118.6	118.4	117.0	118.6	118.5	118.2	116.8	118.1	124.8	122.2	78.5	77.7	109.3	324.1	684.8	330.6
9:18:21	5:47:39	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	118.6	126.0	124.9	122.1	78.5	77.7	109.3	324.1	684.9	330.7
9:19:21	5:48:39	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.6	123.7	124.8	122.0	78.5	77.7	109.3	324.2	684.8	330.6
9:20:21	5:49:39	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.6	118.5	118.1	117.2	119.4	124.7	122.0	78.5	77.7	109.2	324.2	684.8	330.6
9:21:21	5:50:39	29.0	29.1	30.1	77.1	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	117.5	122.6	124.7	121.9	78.4	77.7	109.3	324.1	684.9	330.6
9:22:21	5:51:39	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.9	124.7	124.6	121.9	78.5	77.6	109.2	324.1	684.8	330.6
9:23:21	5:52:39	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.3	121.1	124.6	121.7	78.3	77.6	109.2	324.1	684.9	330.6
9:24:21	5:53:39	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.8	118.7	118.3	120.1	128.0	124.5	121.7	78.3	77.6	109.2	324.1	684.8	330.6
9:25:21	5:54:39	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	118.0	121.2	124.5	121.7	78.3	77.5	109.2	324.2	684.8	330.6
9:26:22	5:55:39	29.0	29.1	30.1	77.0	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	117.2	118.7	124.3	121.6	78.3	77.5	109.2	324.1	684.8	330.6
9:27:22	5:56:40	29.0	29.1	30.1	77.1	100.0	118.0	118.6	118.4	117.0	118.7	118.7	118.3	116.6	117.4	124.3	121.4	78.2	77.5	109.1	324.2	684.9	330.6
9:28:22	5:57:40	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.1	116.8	120.5	124.3	121.4	78.3	77.4	109.0	324.2	684.8	330.6
9:29:22	5:58:40	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	119.2	125.7	124.2	121.3	78.2	77.4	109.1	324.2	684.9	330.6
9:30:22	5:59:40	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.3	120.0	124.1	121.2	78.2	77.4	109.0	324.1	684.9	330.6
9:31:22	6:00:40	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	116.7	119.2	124.1	121.2	78.2	77.4	109.0	324.1	684.8	330.6

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000040

9:32:22	6:01:40	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.4	126.4	129.1	121.1	78.1	77.3	108.9	324.2	684.8	330.6
9:33:22	6:02:40	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.2	117.5	120.4	129.1	121.1	78.1	77.3	108.9	324.2	684.8	330.6
9:34:22	6:03:40	29.0	29.1	30.1	77.1	100.0	118.0	118.6	118.4	117.0	118.7	118.6	118.2	116.8	118.1	128.8	121.1	78.1	77.3	108.8	324.2	684.8	330.6
9:35:23	6:04:41	29.0	29.1	30.1	77.5	100.0	117.8	118.3	118.2	116.8	118.5	118.6	118.1	117.7	123.5	128.6	121.0	78.0	77.2	108.8	324.2	684.8	330.6
9:36:23	6:05:41	29.0	29.1	30.1	76.9	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	118.8	124.7	128.5	120.8	77.9	77.2	108.7	324.2	684.9	330.6
9:37:23	6:06:41	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.1	118.9	127.2	128.6	120.8	78.0	77.2	108.8	324.2	684.8	331.0
9:38:23	6:07:41	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.2	123.0	138.1	128.6	120.7	77.9	77.2	108.8	324.2	684.8	330.6
9:39:23	6:08:41	29.0	29.1	30.1	77.5	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	119.0	124.6	128.4	120.6	77.8	77.1	108.7	324.1	684.8	330.7
9:40:23	6:09:41	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.6	117.2	118.9	118.8	118.4	116.3	116.2	128.3	120.6	77.9	77.1	108.7	324.1	684.9	330.7
9:41:23	6:10:41	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	115.9	115.2	128.4	120.5	77.8	77.1	108.7	324.1	684.9	330.6
9:42:23	6:11:41	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.7	118.7	118.3	115.7	115.2	128.3	120.4	77.8	77.1	108.6	324.1	684.8	330.6
9:43:23	6:12:41	29.0	29.1	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.6	118.2	119.2	128.2	128.2	120.4	77.8	77.0	108.5	324.1	684.9	329.1
9:44:24	6:13:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.6	118.6	118.2	118.0	122.4	128.2	120.3	77.7	77.0	108.6	324.1	684.8	329.1
9:45:24	6:14:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.7	119.9	128.1	120.2	77.7	77.0	108.5	324.1	684.9	329.2
9:46:24	6:15:42	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	119.2	126.2	128.0	120.1	77.6	76.9	108.4	324.2	684.8	329.1
9:47:24	6:16:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.4	120.2	127.9	120.1	77.6	76.9	108.4	324.1	684.8	329.1
9:48:24	6:17:42	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	119.0	127.3	127.9	120.0	77.6	77.0	108.4	324.1	684.8	329.1
9:49:24	6:18:42	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.3	123.1	127.8	119.8	77.6	76.9	108.4	324.1	684.9	329.1
9:50:24	6:19:42	29.0	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	117.1	119.1	127.8	119.8	77.5	76.9	108.4	324.1	684.8	329.2
9:51:24	6:20:42	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.0	118.7	118.5	118.2	120.5	131.3	127.6	119.8	77.5	76.9	108.3	324.1	684.8	329.2
9:52:24	6:21:42	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	123.4	138.2	127.5	119.7	77.5	76.9	108.3	324.1	684.8	329.1
9:53:25	6:22:43	29.0	29.1	30.1	77.5	100.0	118.2	118.9	118.6	117.2	119.1	118.9	118.5	118.1	121.5	127.4	119.6	77.4	76.9	108.3	324.2	684.8	329.1
9:54:25	6:23:43	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	119.0	118.9	118.4	116.2	115.7	127.4	119.6	77.4	76.9	108.3	324.2	684.9	329.1
9:55:25	6:24:43	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.8	118.3	115.9	115.1	127.3	119.5	77.4	76.9	108.2	324.1	684.8	329.1
9:56:25	6:25:43	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.7	118.6	118.3	115.7	115.2	127.2	119.3	77.4	76.9	108.2	324.2	684.9	329.1
9:57:25	6:26:43	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.8	129.1	127.1	119.3	77.4	76.9	108.1	324.1	684.9	329.1
9:58:25	6:27:43	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	117.7	121.5	127.1	119.3	77.3	76.8	108.1	324.1	684.8	329.2
9:59:25	6:28:43	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.6	118.6	118.2	118.3	126.0	127.0	119.2	77.2	76.9	108.1	324.1	684.8	329.1
10:00:25	6:29:43	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.0	118.8	118.7	118.3	122.5	137.3	127.0	119.1	77.2	76.9	108.1	324.1	684.9	329.1
10:01:25	6:30:43	29.0	29.1	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.8	118.5	122.1	132.9	127.0	119.1	77.3	76.9	108.1	324.1	684.9	329.2
10:02:26	6:31:44	29.0	29.1	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	119.0	118.6	117.2	118.4	126.8	122.4	77.3	76.9	108.6	324.1	684.9	329.2
10:03:26	6:32:44	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.5	116.1	115.3	126.8	122.3	77.2	76.9	108.4	324.1	684.8	329.2
10:04:26	6:33:44	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.8	118.7	118.4	115.9	115.2	126.7	122.3	77.2	76.9	108.4	324.1	684.8	329.0
10:05:26	6:34:44	29.0	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.1	118.6	118.6	118.2	115.7	115.3	126.6	122.2	77.2	76.9	108.4	324.1	684.9	329.1
10:06:26	6:35:44	29.0	29.1	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	117.7	124.1	126.4	122.1	77.2	76.8	108.3	324.1	684.9	329.1
10:07:26	6:36:44	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.3	118.4	124.3	126.5	122.0	77.2	76.9	108.3	324.1	684.8	329.1
10:08:26	6:37:44	29.0	29.1	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.9	119.1	126.3	122.0	77.2	76.8	108.2	324.1	684.8	329.1
10:09:26	6:38:44	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.9	130.6	126.3	121.8	77.1	76.8	108.3	324.1	684.9	329.2
10:10:27	6:39:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	118.7	124.1	126.3	121.7	77.1	76.8	108.3	324.1	684.9	329.1
10:11:27	6:40:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.3	119.6	126.2	121.7	77.2	76.8	108.2	324.1	684.9	329.1
10:12:27	6:41:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	116.6	117.7	126.1	121.7	77.2	76.9	108.3	324.1	684.9	327.6
10:13:27	6:42:45	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.9	129.7	126.0	121.6	77.1	76.8	108.2	324.2	684.9	327.6
10:14:27	6:43:45	28.9	29.1	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.1	122.5	126.0	121.5	77.1	76.9	108.2	324.2	684.8	327.6
10:15:27	6:44:45	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	116.9	119.2	125.9	121.4	77.0	76.9	108.2	324.2	684.8	327.6
10:16:27	6:45:45	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.3	128.9	125.8	121.4	77.1	76.9	108.2	324.1	684.8	327.6
10:17:27	6:46:45	29.0	29.1	30.1	77.1	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	118.0	121.5	125.8	121.3	77.1	76.8	108.2	324.2	684.9	327.6
10:18:27	6:47:45	29.0	29.1	30.1	77.1	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	117.1	118.7	125.7	121.2	77.1	76.9	108.2	324.2	684.9	327.6
10:19:28	6:48:46	29.0	29.1	30.1	77.5	100.0	117.9	118.6	118.3	116.9	118.7	118.6	118.3	116.5	117.3	125.6	121.1	77.0	76.9	108.2	324.2	684.8	327.7
10:20:28	6:49:46	29.0	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.2	120.8	132.4	125.5	121.1	77.0	76.9	108.2	324.1	684.8	327.6
10:21:28	6:50:46	29.0	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.1	118.9	118.8	118.4	123.2	137.6	125.5	121.0	77.0	76.9	108.2	324.2	684.9	327.6
10:22:28	6:51:46	29.0	29.1	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	117.8	120.8	125.4	121.0	77.0	76.9	108.2	324.1	684.8	327.7
10:23:28	6:52:46	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	116.0	115.6	125.4	120.8	77.0	76.9	108.2	324.2	684.8	327.6
10:24:28	6:53:46	28.9	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.4	115.9	115.1	125.2	120.8	77.0	76.9	108.1	324.2	684.8	327.6
10:25:28	6:54:46	28.9	29.1	30.1	77.5	100.0	118.0	118.6	118.4	117.0	118.7	118.6	118.3	115.7	115.2	125.3	120.8	77.0	76.9	108.1	324.1	684.8	327.6
10:26:28	6:55:46	28.9	29.1	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	118.1	125.2	125.3	120.7	77.0	77.0	108.1	324.2	684.9	327.6
10:27:29	6:56:47	28.9	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.6	118.2	118.3	123.8	125.1	120.5	77.0	76.9	108.1	324.2	684.9	327.6
10:28:29	6:57:47	28.9	29.1	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	120.7	132.6	125.0	120.5	77.0	77.0	108.1	324.1	684.8	327.6
10:29:29	6:58:47	29.0	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.4	123.6	139.8	125.0	120.5	77.0	77.0	108.1	324.2	684.8	327.6

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10:30:29	6:59:47	29.0	29.1	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.5	118.7	123.3	124.9	120.3	77.0	77.0	108.1	324.2	684.8	327.7
10:31:29	7:00:47	29.0	29.1	30.1	77.1	100.0	118.3	118.9	118.6	117.3	119.0	118.8	118.5	116.3	115.9	124.9	120.3	77.0	77.0	108.1	324.2	684.9	327.6
10:32:29	7:01:47	28.9	29.1	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.0	115.2	124.9	120.2	77.0	77.1	108.1	324.1	684.9	327.6
10:33:29	7:02:47	28.9	29.0	30.1	77.0	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.4	115.8	115.3	124.7	120.2	77.1	77.1	108.1	324.1	684.9	327.6
10:34:29	7:03:47	28.9	29.0	30.1	77.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	115.6	117.1	124.7	120.1	77.0	77.0	108.0	324.1	684.8	327.6
10:35:29	7:04:47	28.9	29.0	30.1	77.0	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	119.4	127.1	124.7	120.1	77.1	77.1	108.0	324.1	684.8	327.6
10:36:30	7:05:48	28.9	29.0	30.1	77.1	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.2	120.1	124.4	119.8	77.0	77.1	107.9	324.1	684.8	327.6
10:37:30	7:06:48	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	117.6	123.6	124.4	119.8	77.0	77.1	107.9	324.1	684.8	327.6
10:38:30	7:07:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.7	124.6	124.3	119.8	77.0	77.2	108.0	324.1	684.8	327.6
10:39:30	7:08:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.1	119.6	124.2	119.8	77.0	77.3	108.0	324.2	684.8	327.6
10:40:30	7:09:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.2	125.1	124.2	119.6	77.0	77.3	107.9	324.1	684.9	327.6
10:41:30	7:10:48	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	119.8	127.3	124.1	119.6	77.1	77.3	107.9	324.1	684.8	327.6
10:42:30	7:11:48	28.9	29.1	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.3	117.8	120.9	128.1	119.6	77.1	77.4	108.0	324.1	684.9	327.6
10:43:30	7:12:48	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	116.9	118.4	129.5	119.5	77.1	77.4	108.0	324.1	684.8	327.6
10:44:30	7:13:48	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.2	116.9	120.4	129.0	119.5	77.1	77.4	107.9	324.1	684.8	327.6
10:45:31	7:14:49	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	121.0	131.6	128.8	119.3	77.1	77.4	107.9	324.1	684.9	327.6
10:46:31	7:15:49	29.0	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.9	118.7	118.3	118.3	122.7	128.7	119.3	77.1	77.5	107.9	324.1	684.8	327.7
10:47:31	7:16:49	28.9	29.1	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.3	116.1	116.1	128.7	119.3	77.1	77.5	107.9	324.1	684.8	327.6
10:48:31	7:17:49	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.6	115.1	128.8	119.1	77.1	77.5	108.0	324.1	684.9	327.6
10:49:31	7:18:49	28.9	29.1	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	119.8	128.8	128.6	119.2	77.2	77.5	107.9	324.1	684.9	327.6
10:50:31	7:19:49	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.2	117.7	123.1	128.6	122.4	77.1	77.5	108.5	324.2	684.8	326.1
10:51:31	7:20:49	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	122.2	136.3	128.5	122.4	77.2	77.5	108.3	324.1	684.8	327.7
10:52:31	7:21:49	28.9	29.1	30.1	77.5	100.0	118.2	118.9	118.6	117.2	119.1	118.8	118.5	120.5	128.7	128.4	122.4	77.2	77.5	108.4	324.1	684.9	327.6
10:53:31	7:22:49	28.9	29.1	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.8	118.5	116.5	116.9	128.4	122.3	77.2	77.5	108.4	324.1	684.9	326.1
10:54:32	7:23:50	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.9	118.7	118.4	115.9	115.2	128.3	122.2	77.2	77.5	108.4	324.1	684.9	326.1
10:55:32	7:24:50	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	115.7	115.1	128.2	122.1	77.2	77.5	108.4	324.1	684.9	325.9
10:56:32	7:25:50	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.0	124.6	128.1	122.1	77.2	77.5	108.4	324.1	684.8	326.1
10:57:32	7:26:50	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	118.3	123.8	128.0	122.0	77.2	77.5	108.3	324.1	684.8	326.1
10:58:32	7:27:50	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	116.9	119.0	127.9	121.9	77.3	77.5	108.4	324.1	684.9	326.1
10:59:32	7:28:50	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	121.3	133.8	127.8	121.9	77.3	77.5	108.4	324.1	684.8	326.1
11:00:32	7:29:50	28.9	29.1	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.7	118.4	122.8	135.7	127.8	121.8	77.3	77.6	108.4	324.2	684.9	326.1
11:01:32	7:30:50	28.9	29.1	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.8	118.5	117.4	119.5	127.7	121.7	77.3	77.6	108.4	324.1	684.8	326.1
11:02:32	7:31:50	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.5	117.2	118.9	118.8	118.4	116.0	115.4	127.6	121.7	77.3	77.6	108.4	324.1	684.8	325.8
11:03:33	7:32:51	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.4	115.8	115.1	127.5	121.5	77.3	77.7	108.4	324.2	684.8	326.1
11:04:33	7:33:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	115.6	115.2	127.4	121.4	77.3	77.6	108.4	324.1	684.8	326.1
11:05:33	7:34:51	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	119.6	129.5	127.4	121.4	77.3	77.6	108.3	324.1	684.8	326.1
11:06:33	7:35:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.5	118.2	118.0	122.5	127.2	121.4	77.4	77.5	108.3	324.1	684.9	326.1
11:07:33	7:36:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.3	116.8	118.6	127.3	121.3	77.4	77.7	108.4	324.1	684.8	326.1
11:08:33	7:37:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	120.0	129.1	127.2	121.2	77.4	77.6	108.4	324.1	684.8	326.1
11:09:33	7:38:51	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	117.8	121.5	127.1	121.1	77.4	77.6	108.3	324.1	684.9	326.1
11:10:33	7:39:51	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.8	118.4	127.0	121.1	77.4	77.6	108.3	324.1	684.8	326.1
11:11:33	7:40:51	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	120.3	129.7	126.9	121.0	77.4	77.6	108.4	324.1	684.9	326.1
11:12:34	7:41:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.0	121.9	126.8	120.9	77.4	77.6	108.3	324.1	684.8	326.1
11:13:34	7:42:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	117.0	118.7	126.8	120.8	77.4	77.6	108.3	324.1	684.8	326.1
11:14:34	7:43:52	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.7	126.1	126.7	120.7	77.4	77.6	108.3	324.1	684.9	326.1
11:15:34	7:44:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	118.7	123.8	126.6	120.7	77.4	77.6	108.3	324.1	684.9	324.6
11:16:34	7:45:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.2	117.2	119.4	126.6	120.6	77.4	77.6	108.3	324.1	684.9	326.1
11:17:34	7:46:52	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	116.6	117.6	126.5	120.5	77.4	77.7	108.3	324.1	684.8	324.6
11:18:34	7:47:52	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.1	119.9	128.9	126.4	120.4	77.4	77.6	108.3	324.1	684.9	324.6
11:19:34	7:48:52	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	117.8	121.6	126.2	120.4	77.4	77.6	108.2	324.1	684.8	324.6
11:20:35	7:49:53	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.1	118.3	125.0	126.2	120.3	77.4	77.7	108.3	324.1	684.9	324.6
11:21:35	7:50:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	118.8	124.2	126.3	120.2	77.4	77.7	108.3	324.1	684.8	324.6
11:22:35	7:51:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	117.3	119.6	126.1	120.1	77.4	77.6	108.2	324.1	684.8	324.6
11:23:35	7:52:53	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.1	116.7	118.2	126.0	120.1	77.4	77.6	108.2	324.1	684.8	324.6
11:24:35	7:53:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.5	118.2	119.6	126.8	125.9	120.0	77.4	77.7	108.2	324.1	684.9	324.6
11:25:35	7:54:53	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.7	118.5	118.2	117.7	122.2	125.8	119.8	77.4	77.7	108.2	324.1	684.8	324.6
11:26:35	7:55:53	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.7	118.3	122.3	136.3	125.8	119.8	77.5	77.7	108.2	324.1	684.9	324.6
11:27:35	7:56:53	28.9	29.0	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.0	118.8	118.4	120.3	128.0	125.8	119.8	77.4	77.7	108.2	324.1	684.8	324.6

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11:28:35	7:57:53	28.9	29.0	30.1	78.0	100.0	118.2	118.9	118.6	117.2	119.1	118.8	118.4	116.6	116.8	125.7	119.7	77.4	77.7	108.3	324.1	684.9	324.6
11:29:36	7:58:54	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.1	118.9	118.7	118.4	116.0	115.3	125.7	119.6	77.4	77.7	108.2	324.1	684.8	324.6
11:30:36	7:59:54	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.9	115.3	125.6	119.6	77.4	77.8	108.2	324.1	684.8	324.6
11:31:36	8:00:54	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	117.5	123.0	125.5	119.5	77.5	77.7	108.2	324.1	684.8	324.6
11:32:36	8:01:54	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.7	118.6	118.3	121.9	136.0	125.5	119.5	77.5	77.8	108.2	324.1	684.9	324.6
11:33:36	8:02:54	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.4	117.2	119.0	118.8	118.5	122.5	135.0	125.4	119.3	77.5	77.9	108.3	324.1	684.8	324.5
11:34:36	8:03:54	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.5	117.3	119.1	125.3	119.3	77.5	77.9	108.3	324.1	684.8	324.6
11:35:36	8:04:54	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.5	116.0	115.3	125.2	119.2	77.5	77.9	108.3	324.1	684.8	324.6
11:36:36	8:05:54	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.2	125.2	119.2	77.6	77.9	108.3	324.1	684.8	324.6
11:37:36	8:06:54	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.7	115.2	125.1	119.1	77.5	78.0	108.2	324.1	684.9	324.6
11:38:37	8:07:55	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.6	118.5	118.2	120.3	131.8	125.1	122.1	77.6	78.1	109.5	324.1	684.8	324.6
11:39:37	8:08:55	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.2	118.9	118.7	118.4	122.8	136.8	125.0	122.2	77.6	78.1	108.7	324.1	684.9	324.6
11:40:37	8:09:55	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.0	118.8	118.5	117.6	120.3	124.9	122.2	77.7	78.1	108.7	324.1	684.9	324.4
11:41:37	8:10:55	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	116.0	115.4	124.8	122.1	77.7	78.2	108.7	324.1	684.8	324.6
11:42:37	8:11:55	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	115.7	115.1	124.7	122.1	77.7	78.2	108.6	324.1	684.9	324.6
11:43:37	8:12:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	115.6	115.1	124.6	122.0	77.7	78.3	108.6	324.1	684.8	324.6
11:44:37	8:13:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.4	129.0	124.6	121.9	77.7	78.3	108.7	324.1	684.8	324.6
11:45:37	8:14:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	117.8	122.4	124.6	121.9	77.7	78.3	108.7	324.1	684.8	324.6
11:46:37	8:15:55	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.7	119.6	124.6	121.8	77.7	78.3	108.7	324.1	684.8	324.6
11:47:38	8:16:56	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.3	126.3	124.4	121.7	77.8	78.3	108.7	324.1	684.8	324.6
11:48:38	8:17:56	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	117.6	122.3	124.4	121.6	77.7	78.3	108.7	324.1	684.8	324.6
11:49:38	8:18:56	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.2	136.3	124.3	121.6	77.9	78.3	108.8	324.1	684.8	324.6
11:50:38	8:19:56	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.5	119.9	127.0	124.2	121.5	77.8	78.3	108.7	324.1	684.8	324.6
11:51:38	8:20:56	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.5	117.3	119.0	118.8	118.5	116.4	116.6	124.2	121.4	77.8	78.3	108.7	324.1	684.9	324.6
11:52:38	8:21:56	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	116.0	115.2	124.1	121.4	77.8	78.3	108.7	324.1	684.8	324.6
11:53:38	8:22:56	28.9	29.0	30.1	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.8	115.3	125.6	121.3	77.9	78.3	108.7	324.1	684.8	324.6
11:54:38	8:23:56	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.5	118.5	118.2	117.8	124.4	129.2	121.2	77.8	78.2	108.7	324.1	684.8	323.1
11:55:38	8:24:56	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.4	124.1	128.8	121.1	77.8	78.3	108.7	324.1	684.9	323.0
11:56:38	8:25:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.0	119.1	128.8	121.1	77.9	78.2	108.7	324.1	684.8	323.1
11:57:39	8:26:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.3	117.2	128.7	121.0	77.9	78.2	108.7	324.1	684.8	323.0
11:58:39	8:27:57	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.1	119.8	129.1	128.6	120.9	77.9	78.3	108.7	324.1	684.8	323.1
11:59:39	8:28:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.8	121.8	128.4	120.8	77.9	78.3	108.7	324.1	684.8	323.1
12:00:39	8:29:57	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.2	128.2	128.5	120.8	77.9	78.3	108.7	324.1	684.8	323.1
12:01:39	8:30:57	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	123.0	138.5	128.5	120.7	77.9	78.3	108.7	324.1	684.8	323.1
12:02:39	8:31:57	28.9	29.0	30.1	77.5	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.6	121.2	130.4	128.5	120.7	77.9	78.3	108.8	324.1	684.8	323.0
12:03:39	8:32:57	28.9	29.0	30.1	77.5	100.0	118.3	119.1	118.6	117.4	119.1	118.9	118.6	116.9	117.6	128.4	120.6	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:06:26																			
12:04:04	8:33:22	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.6	116.4	116.1	128.4	120.5	77.9	78.3	108.8	324.1	684.8	323.0
	EMISSION SYSTEM BYPASS ALARM				06/05/2015 15:06:26																			
12:04:04	8:33:22	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.6	116.4	116.1	128.4	120.5	77.9	78.3	108.8	324.1	684.8	323.1
12:04:39	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	116.2	115.4	128.4	120.5	77.9	78.4	108.8	324.1	684.8	323.1
	ALARM SILENCED (CMAPPA)				06/05/2015 15:07:08																			
12:04:47	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.1	115.3	128.3	120.5	77.9	78.3	108.7	324.1	684.9	323.1
12:05:39	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	116.0	115.4	128.1	120.4	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE RESUMED (CMAPPA)				06/05/2015 15:08:03																			
12:05:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.6	118.4	116.0	115.4	128.1	120.4	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:08:03																			
12:05:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.8	118.6	118.4	116.0	115.4	128.1	120.4	78.0	78.3	108.7	324.1	684.8	323.1
12:06:40	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.3	115.8	115.5	128.1	120.4	78.0	78.3	108.7	324.1	684.9	323.0
	CYCLE RESUMED (CMAPPA)				06/05/2015 15:09:16																			
12:06:56	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.7	115.5	128.1	120.3	77.9	78.3	108.7	324.1	684.8	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:09:17																			
12:06:56	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	115.7	115.5	128.1	120.3	77.9	78.3	108.7	324.1	684.8	323.1
12:07:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.1	125.2	128.1	120.3	78.0	78.3	108.6	324.1	684.8	323.0
	CYCLE RESUMED (CMAPPA)				06/05/2015 15:10:06																			
12:07:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.6	126.7	128.1	120.3	77.9	78.3	108.7	324.1	684.9	323.1
	CYCLE PAUSED (CMAPPA)				06/05/2015 15:10:06																			
12:07:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.6	126.8	128.1	120.3	77.9	78.3	108.7	324.1	684.8	323.0

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000043

12:08:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.7	118.5	118.3	118.6	124.3	128.0	120.2	78.0	78.3	108.6	324.1	684.8	323.1
12:09:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.9	119.1	127.9	120.1	77.9	78.3	108.6	324.1	684.9	323.0
12:10:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.3	117.3	128.0	120.1	78.0	78.3	108.6	324.1	684.8	323.1
CYCLE RESUMED (CMAPPA) 06/05/2015 15:13:39																								
12:11:18	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.6	118.5	118.2	118.9	127.4	127.8	120.1	77.9	78.3	108.6	324.1	684.8	323.1
CYCLE PAUSED (CMAPPA) 06/05/2015 15:13:39																								
12:11:18	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.5	118.5	118.2	118.9	127.4	127.8	120.1	77.9	78.3	108.6	324.1	684.8	323.1
12:11:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.1	116.9	118.6	118.5	118.2	119.8	128.2	127.7	120.0	77.9	78.3	108.7	324.1	684.8	323.1
12:12:40	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.1	124.6	127.6	119.8	77.9	78.2	108.6	324.1	684.9	323.0
12:13:40	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.8	118.6	118.3	122.5	137.1	127.6	119.8	77.9	78.2	108.6	324.1	684.9	323.1
12:14:40	8:33:22	28.9	29.0	30.1	77.5	100.0	118.3	118.9	118.6	117.3	119.0	118.8	118.5	120.3	128.2	127.4	119.8	77.9	78.1	108.6	324.1	684.9	323.1
12:15:41	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	116.5	116.8	127.4	119.8	77.9	78.1	108.5	324.1	684.8	323.1
12:16:41	8:33:22	28.9	29.0	30.1	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	116.0	115.2	127.4	119.6	77.9	78.1	108.6	324.1	684.8	323.1
12:17:41	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.4	117.1	118.6	118.6	118.3	115.8	115.2	127.3	119.6	77.9	78.1	108.6	324.1	684.8	321.5
12:18:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.5	118.4	118.2	116.3	119.8	127.1	119.5	77.9	78.0	108.4	324.1	684.8	321.6
12:19:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.2	126.2	127.1	119.5	77.9	78.1	108.5	324.1	684.8	321.5
12:20:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	117.2	119.9	127.0	119.3	77.9	78.0	108.4	324.1	684.8	321.6
12:21:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	118.9	127.5	127.0	119.3	77.9	78.0	108.5	324.1	684.8	321.6
12:22:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	118.3	123.2	126.9	119.2	77.9	78.0	108.4	324.1	684.8	321.6
12:23:41	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.0	119.0	126.9	119.2	77.8	78.0	108.4	324.1	684.9	321.6
12:24:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.3	116.4	118.6	126.7	119.0	77.8	78.0	108.4	324.1	684.8	321.4
12:25:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.4	126.6	126.8	122.3	77.8	78.1	109.0	324.1	684.9	321.6
12:26:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.5	120.4	126.7	122.3	77.8	77.9	108.7	324.1	684.8	321.6
12:27:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.3	125.6	126.5	122.3	77.8	77.9	108.7	324.1	684.8	321.6
12:28:42	8:33:22	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.8	118.6	118.3	118.8	124.2	126.5	122.2	77.8	77.9	108.7	324.1	684.8	321.5
12:29:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.2	119.5	126.4	122.1	77.7	77.9	108.7	324.1	684.8	321.6
CYCLE RESUMED (egnon) 06/05/2015 15:33:00																								
12:30:38	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.7	117.9	126.3	122.1	77.8	77.9	108.7	324.1	684.8	321.6
CYCLE PAUSED (egnon) 06/05/2015 15:33:00																								
12:30:38	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.7	117.8	126.3	122.1	77.8	77.9	108.7	324.1	684.8	321.6
12:30:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.6	117.8	126.3	122.1	77.8	77.8	108.7	324.1	684.8	321.5
12:31:42	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.6	128.9	126.4	122.0	77.8	77.9	108.7	324.1	684.8	321.6
12:32:42	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.5	118.3	118.1	122.4	126.3	121.9	77.7	77.8	108.7	324.1	684.9	321.6
12:33:43	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.0	118.8	126.2	121.9	77.7	77.8	108.7	324.1	684.8	321.6
12:34:43	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.2	120.4	130.4	126.2	121.8	77.7	77.8	108.7	324.1	684.9	321.6
12:35:43	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	118.2	122.5	126.2	121.6	77.6	77.8	108.7	324.1	684.8	321.6
12:36:43	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.7	118.3	117.0	118.8	118.6	118.3	117.1	119.0	126.1	121.6	77.7	77.7	108.6	324.1	684.9	321.6
12:37:43	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.6	119.5	125.9	121.5	77.6	77.6	108.6	324.1	684.9	321.5
12:38:43	8:33:22	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	121.7	135.2	125.9	121.5	77.7	77.6	108.6	324.1	684.8	320.0
12:39:43	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.5	122.1	133.6	125.9	121.4	77.7	77.6	108.6	324.1	684.9	320.0
12:40:43	8:33:22	28.9	29.0	30.1	77.9	100.0	118.3	118.9	118.6	117.3	119.1	118.9	118.5	117.2	118.6	125.7	121.4	77.7	77.5	108.6	324.1	684.8	321.5
12:41:43	8:33:22	28.9	29.0	30.1	77.5	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.5	116.0	115.3	125.7	121.2	77.6	77.5	108.6	324.1	684.8	320.0
12:42:44	8:33:22	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.2	125.7	121.2	77.6	77.5	108.6	324.1	684.8	320.1
12:43:44	8:33:22	28.9	29.0	30.1	77.5	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.3	125.5	121.1	77.6	77.5	108.5	324.1	684.9	321.6
12:44:44	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.2	116.7	121.3	125.5	121.0	77.5	77.5	108.5	324.1	684.8	320.1
12:45:44	8:33:22	28.9	29.0	30.1	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.9	126.0	125.5	121.0	77.6	77.5	108.5	324.1	684.9	320.1
12:46:44	8:33:22	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	117.4	123.0	125.4	120.9	77.5	77.5	108.5	324.1	684.9	320.0
12:47:44	8:33:22	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	120.3	129.5	125.3	120.9	77.5	77.5	108.5	324.1	684.9	320.0
12:48:44	8:33:22	28.9	29.0	30.1	77.9	100.0	118.1	118.8	118.4	117.1	118.8	118.7	118.4	117.8	121.3	125.4	120.8	77.5	77.5	108.5	324.1	684.9	320.1
12:49:44	8:33:22	28.9	29.0	30.1	78.0	100.0	118.0	118.6	118.3	117.1	118.8	118.6	118.3	115.1	113.5	125.3	120.7	77.5	77.4	108.5	324.1	684.9	320.1
12:50:44	8:33:22	28.9	29.0	30.1	77.9	100.0	117.8	118.3	118.1	116.9	118.6	118.5	118.2	113.9	113.8	125.1	120.6	77.5	77.4	108.4	324.1	684.9	320.0
12:51:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.3	118.1	116.9	118.5	118.5	118.1	119.6	129.7	125.1	120.6	77.5	77.4	108.4	324.1	684.9	320.0
12:52:45	8:33:22	28.9	29.0	30.1	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.2	118.3	126.9	125.0	120.5	77.5	77.4	108.4	324.1	684.8	320.0
12:53:45	8:33:22	28.9	29.0	30.1	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.3	123.8	124.9	120.5	77.5	77.4	108.4	324.1	684.8	320.1
12:54:45	8:33:22	28.9	29.0	30.1	78.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.7	123.7	124.9	120.4	77.5	77.5	108.4	324.1	684.9	320.1
12:55:45	8:33:22	28.9	29.0	30.1	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	122.2	136.5	124.8	120.3	77.5	77.4	108.4	324.1	684.9	320.1
12:56:45	8:33:22	28.9	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.4	120.1	127.6	124.8	120.2	77.5	77.5	108.4	324.1	684.9	320.1
12:57:45	8:33:22	28.9	29.0	30.1	77.9	100.0	118.2	118.8	118.5	117.2	118.9	118.8	118.5	116.4	116.6	124.8	120.2	77.5	77.5	108.4	324.1	684.8	320.0

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000044

12:58:45	8:33:22	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.1	124.6	120.2	77.5	77.5	108.3	324.1	684.9	320.0
12:59:45	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.3	115.7	115.1	124.5	120.1	77.5	77.5	108.3	324.1	684.8	320.1
13:00:46	8:33:22	28.9	29.0	30.0	77.5	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	118.4	126.3	124.4	120.0	77.5	77.5	108.3	324.1	684.9	320.1
13:01:46	8:33:22	28.9	29.0	30.0	78.0	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.2	137.1	124.4	119.8	77.5	77.5	108.2	324.1	684.9	320.1
13:02:46	8:33:22	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.0	118.8	118.5	120.3	128.4	124.3	119.8	77.5	77.5	108.3	324.1	684.9	320.0
13:03:46	8:33:22	28.9	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.2	119.0	118.8	118.5	116.3	116.9	124.4	119.8	77.5	77.5	108.3	324.1	684.9	320.0
13:04:46	8:33:22	28.9	29.0	30.0	78.0	100.0	118.1	118.8	118.4	117.2	118.9	118.7	118.5	115.8	115.2	124.2	119.7	77.5	77.5	108.3	324.1	684.9	320.1
13:05:46	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.6	118.3	117.1	118.7	118.6	118.4	115.6	115.1	124.2	119.6	77.4	77.5	108.2	324.1	684.8	320.1
13:06:46	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	116.0	118.9	124.1	119.5	77.4	77.5	108.2	324.1	684.8	320.0
13:07:46	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	119.2	126.7	124.1	119.5	77.5	77.6	108.2	324.1	684.9	320.1
	EMISSION SYSTEM BYPASS ALARM RESET						06/05/2015 16:10:48																
13:08:26	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	117.6	121.5	124.0	119.5	77.5	77.6	108.2	324.1	684.9	320.0
13:08:46	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	117.1	119.9	126.5	119.5	77.5	77.6	108.2	324.1	684.9	320.0
13:09:47	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.4	118.2	117.2	122.5	129.2	119.3	77.4	77.6	108.1	324.1	684.9	320.0
13:10:47	8:33:22	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.9	125.3	129.2	119.3	77.5	77.7	108.2	324.1	684.9	320.0
13:11:47	8:33:22	28.9	29.0	30.0	78.0	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.2	119.7	129.0	119.3	77.5	77.7	108.1	324.1	684.9	320.1
13:12:47	8:33:22	28.9	29.0	30.0	78.0	100.0	117.9	118.7	118.2	117.0	118.7	118.6	118.3	120.8	131.8	128.9	119.2	77.5	77.7	108.1	324.1	684.9	320.1
13:13:47	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.8	118.3	117.1	118.8	118.7	118.4	118.4	123.1	128.8	119.1	77.5	77.7	108.1	324.1	684.9	320.0
13:14:47	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.4	116.6	117.3	128.7	119.3	77.5	77.8	108.2	324.1	684.9	320.0
	CYCLE RESUMED (egnon)				06/05/2015 16:17:46																		
13:15:25	8:33:22	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	115.9	115.7	128.8	122.3	77.5	77.8	109.0	324.1	684.8	320.1
13:15:47	8:33:44	28.9	29.0	30.0	78.0	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.3	115.7	115.3	128.8	122.4	77.5	77.7	108.5	324.1	684.9	320.1
13:16:47	8:34:45	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.1	116.9	118.6	118.5	118.2	117.2	122.4	128.7	122.3	77.5	77.8	108.4	324.1	684.8	320.1
13:17:48	8:35:45	28.9	29.0	30.0	78.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.8	125.2	128.7	122.3	77.5	77.8	108.4	324.1	684.8	320.1
13:18:48	8:36:45	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.0	124.5	128.7	122.3	77.6	77.9	108.5	324.1	684.8	320.0
13:19:48	8:37:45	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.8	118.6	118.3	122.4	136.9	128.6	122.2	77.6	77.9	108.5	324.1	684.9	320.1
13:20:48	8:38:45	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.5	121.0	130.3	128.5	122.1	77.5	77.9	108.5	324.1	684.9	320.0
13:21:48	8:39:45	28.9	29.0	30.0	78.0	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.6	116.6	117.3	128.5	122.0	77.5	77.9	108.5	324.1	684.9	320.1
13:22:48	8:40:45	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.9	118.8	118.5	116.0	115.2	128.4	122.0	77.6	77.9	108.5	324.1	684.9	320.0
13:23:48	8:41:45	28.9	29.0	30.0	78.0	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.8	115.2	128.3	121.9	77.5	77.9	108.5	324.1	684.9	320.1
13:24:48	8:42:45	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.1	118.6	118.6	118.3	115.6	115.2	128.2	121.7	77.5	77.9	108.5	324.1	684.9	320.0
13:25:48	8:43:46	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.1	117.0	118.5	118.4	118.2	118.3	126.4	128.1	121.7	77.5	77.8	108.4	324.1	684.9	320.1
13:26:48	8:44:46	28.9	29.0	30.0	78.0	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	123.5	127.9	121.6	77.5	77.8	108.5	324.1	684.8	318.6
13:27:49	8:45:46	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	116.8	118.9	127.9	121.6	77.6	77.9	108.4	324.1	684.9	318.6
13:28:49	8:46:46	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	116.9	118.5	118.4	118.2	119.6	129.0	127.8	121.5	77.5	77.8	108.5	324.1	684.9	318.6
13:29:49	8:47:46	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	118.0	122.2	127.8	121.4	77.6	77.9	108.5	324.1	684.8	318.6
13:30:49	8:48:46	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	121.8	135.1	127.6	121.4	77.6	77.9	108.5	324.1	684.9	320.0
13:31:49	8:49:46	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.5	122.1	133.2	127.6	121.2	77.5	77.9	108.5	324.1	684.9	318.6
13:32:49	8:50:46	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.6	117.2	118.5	127.5	121.1	77.5	77.9	108.5	324.1	684.8	318.6
13:33:49	8:51:46	28.9	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.3	119.0	118.8	118.5	116.1	115.3	127.4	121.1	77.6	77.9	108.4	324.1	684.9	318.6
13:34:49	8:52:47	28.9	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.2	127.5	121.1	77.6	77.9	108.5	324.1	684.9	318.6
13:35:49	8:53:47	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.6	118.5	118.3	115.7	115.3	127.4	121.0	77.7	77.9	108.4	324.1	684.8	318.6
13:36:50	8:54:47	28.9	29.0	30.0	78.0	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	117.0	122.0	127.2	120.9	77.6	77.9	108.4	324.1	684.8	318.5
13:37:50	8:55:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.3	118.9	125.6	127.2	120.8	77.7	78.0	108.5	324.1	684.8	318.6
13:38:50	8:56:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.1	118.6	118.6	118.3	117.0	119.6	127.0	120.8	77.6	77.9	108.4	324.1	684.8	318.5
13:39:50	8:57:47	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	118.1	125.0	127.0	120.7	77.6	77.9	108.4	324.1	684.8	318.5
13:40:50	8:58:47	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	119.3	126.4	127.0	120.7	77.6	77.9	108.4	324.1	684.8	318.5
13:41:50	8:59:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.4	120.3	127.0	120.5	77.6	77.9	108.4	324.1	684.8	318.5
13:42:50	9:00:47	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.6	117.9	126.9	120.5	77.6	77.9	108.4	324.1	684.8	318.5
13:43:50	9:01:48	28.9	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.6	118.5	118.2	117.1	121.8	126.7	120.4	77.6	77.8	108.3	324.1	684.8	318.6
13:44:51	9:02:48	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	119.0	125.6	126.7	120.3	77.6	77.9	108.3	324.1	684.8	318.6
13:45:51	9:03:48	28.9	29.0	30.0	77.5	100.0	117.9	118.7	118.2	117.0	118.7	118.5	118.2	117.2	119.9	126.7	120.2	77.6	77.9	108.3	324.1	684.8	318.5
13:46:51	9:04:48	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.7	123.7	126.6	120.2	77.6	77.9	108.3	324.1	684.9	318.6
13:47:51	9:05:48	28.9	29.0	30.0	77.9	100.0	117.9	118.7	118.2	117.0	118.8	118.6	118.3	122.2	136.7	126.4	120.1	77.6	77.9	108.3	324.1	684.9	318.6
13:48:51	9:06:48	28.9	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.0	118.8	118.5	121.8	132.5	126.3	120.1	77.7	77.9	108.3	324.1	684.8	318.5
13:49:51	9:07:48	28.9	29.0	30.0	77.9	100.0	118.3	119.1	118.6	117.4	119.1	118.8	118.5	117.0	118.2	126.3	120.0	77.6	77.8	108.3	324.1	684.9	318.5
13:50:51	9:08:48	28.9	29.0	30.0	78.0	100.0	118.2	118.8	118.5	117.3	118.9	118.7	118.5	116.1	115.4	126.4	120.0	77.7	77.9	108.3	324.1	684.9	318.6
13:51:51	9:09:48	28.9	29.0	30.0	78.0	100.0	118.1	118.8	118.4	117.2	118.8	118.7	118.4	115.9	115.3	126.2	119.8	77.6	77.9	108.2	324.1	684.8	318.5

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000045

13:52:51	9:10:49	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	115.7	115.4	126.1	119.8	77.7	77.9	108.2	324.1	684.8	318.6
13:53:52	9:11:49	28.9	29.0	30.0	78.0	100.0	117.8	118.5	118.1	117.0	118.5	118.5	118.2	116.3	120.0	126.0	119.7	77.6	77.9	108.2	324.1	684.8	317.0
13:54:52	9:12:49	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.0	126.5	126.0	119.6	77.6	77.8	108.2	324.1	684.8	317.1
13:55:52	9:13:49	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.0	119.9	125.9	119.6	77.6	77.7	108.1	324.1	684.9	317.1
13:56:52	9:14:49	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.6	129.8	125.9	119.5	77.6	77.8	108.2	324.1	684.9	318.6
13:57:52	9:15:49	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.8	118.7	118.3	118.4	123.7	125.8	119.5	77.5	77.7	108.2	324.1	684.9	317.0
13:58:52	9:16:49	28.9	29.0	30.0	77.9	100.0	118.0	118.7	118.2	117.1	118.7	118.5	118.3	117.1	119.3	125.7	119.3	77.5	77.7	108.1	324.1	684.8	318.6
13:59:52	9:17:49	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.3	116.5	117.5	125.6	119.3	77.5	77.6	108.1	324.1	684.8	317.0
14:00:52	9:18:49	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.2	128.3	125.5	119.3	77.6	77.7	108.1	324.1	684.9	317.1
14:01:52	9:19:50	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	123.1	125.6	119.2	77.5	77.6	108.1	324.1	684.8	317.1
14:02:52	9:20:50	28.9	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.0	118.6	118.5	118.2	116.9	119.0	125.5	119.1	77.6	77.6	108.0	324.1	684.9	317.0
14:03:53	9:21:50	28.9	29.0	30.0	77.9	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.2	116.4	119.3	125.3	122.3	77.5	77.5	109.1	324.1	684.8	317.0
14:04:53	9:22:50	28.9	29.0	30.0	77.9	100.0	117.9	118.6	118.2	116.9	118.6	118.5	118.2	119.2	126.3	125.2	122.4	77.4	77.4	108.4	324.1	684.8	317.1
14:05:53	9:23:50	28.9	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.2	117.3	120.2	125.1	122.4	77.4	77.4	108.3	324.1	684.8	317.1
14:06:53	9:24:50	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.5	118.3	119.8	127.5	125.1	122.3	77.4	77.4	108.4	324.1	684.9	317.1
14:07:53	9:25:50	28.8	29.0	30.0	78.0	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.7	120.9	125.1	122.2	77.4	77.3	108.3	324.1	684.8	317.1
14:08:53	9:26:50	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	118.2	124.9	125.1	122.1	77.4	77.3	108.4	324.1	684.9	317.0
14:09:53	9:27:50	28.8	29.0	30.0	77.5	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	122.5	137.3	124.9	122.0	77.4	77.2	108.3	324.1	684.9	317.0
14:10:53	9:28:51	28.9	29.0	30.0	77.9	100.0	118.3	119.1	118.6	117.3	119.1	118.8	118.5	120.5	128.6	124.9	122.0	77.3	77.2	108.4	324.1	684.9	317.0
14:11:53	9:29:51	28.9	29.0	30.0	77.5	100.0	118.3	119.1	118.6	117.4	119.1	118.8	118.5	116.6	116.9	124.7	121.9	77.3	77.2	108.3	324.1	684.8	317.0
14:12:54	9:30:51	28.9	29.0	30.0	77.5	100.0	118.2	118.9	118.5	117.3	118.9	118.8	118.4	116.0	115.2	124.7	121.8	77.3	77.2	108.3	324.1	684.9	317.1
14:13:54	9:31:51	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	115.8	115.1	124.7	121.7	77.2	77.2	108.3	324.1	684.9	317.0
14:14:54	9:32:51	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	115.6	115.2	124.5	121.6	77.2	77.1	108.2	324.1	684.9	317.0
14:15:54	9:33:51	28.8	29.0	30.0	77.5	100.0	117.8	118.5	118.2	116.9	118.5	118.5	118.2	119.2	128.4	124.5	121.5	77.2	77.1	108.2	324.1	684.8	317.0
14:16:54	9:34:51	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	117.8	122.4	124.5	121.5	77.2	77.1	108.2	324.1	684.9	317.1
14:17:54	9:35:51	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	116.9	118.7	118.6	118.3	119.8	129.1	124.4	121.4	77.1	77.1	108.2	324.1	684.8	317.0
14:18:54	9:36:51	28.8	29.0	30.0	77.9	100.0	118.0	118.7	118.4	117.1	118.7	118.6	118.3	117.8	121.6	124.3	121.4	77.2	77.1	108.2	324.1	684.8	317.1
14:19:54	9:37:52	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	116.7	118.4	124.2	121.3	77.1	77.0	108.1	324.1	684.9	317.0
14:20:54	9:38:52	28.8	29.0	30.0	77.9	100.0	117.9	118.7	118.2	117.0	118.7	118.5	118.2	119.9	130.1	124.1	121.2	77.1	77.0	108.1	324.1	684.9	317.0
14:21:55	9:39:52	28.8	29.0	30.0	77.4	100.0	118.1	118.8	118.4	117.1	118.9	118.7	118.4	123.2	139.0	124.2	121.1	77.1	77.0	108.2	324.1	684.8	317.0
14:22:55	9:40:52	28.8	29.0	30.0	78.0	100.0	118.2	118.9	118.5	117.2	119.1	118.8	118.5	119.4	125.6	124.0	121.0	77.0	76.9	108.2	324.1	684.9	317.0
14:23:55	9:41:52	28.8	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.3	119.1	118.9	118.6	116.3	116.3	129.4	121.0	77.0	76.9	108.1	324.1	684.8	317.1
14:24:55	9:42:52	28.8	29.0	30.0	77.5	100.0	118.1	118.8	118.4	117.2	118.9	118.8	118.5	115.9	115.2	129.1	121.0	77.0	76.9	108.1	324.1	684.9	317.0
14:25:55	9:43:52	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	115.7	115.2	128.9	120.8	77.0	76.9	108.0	324.1	684.9	317.0
14:26:55	9:44:52	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.3	117.0	118.7	118.6	118.3	115.5	115.2	128.7	120.8	77.0	76.9	108.0	324.1	684.9	317.1
14:27:55	9:45:52	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.8	129.1	128.7	120.7	77.0	76.8	108.0	324.1	684.9	317.0
14:28:55	9:46:52	28.8	29.0	30.0	77.5	100.0	117.9	118.6	118.2	117.0	118.7	118.6	118.3	117.5	121.4	128.7	120.6	76.9	76.9	108.0	324.1	684.8	317.1
14:29:55	9:47:53	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	119.4	127.1	128.6	120.5	76.9	76.9	108.0	324.1	684.9	317.1
14:30:56	9:48:53	28.8	29.0	30.0	77.5	100.0	118.0	118.7	118.3	117.1	118.7	118.6	118.3	117.5	120.5	128.6	120.5	76.9	76.8	107.9	324.1	684.8	317.1
14:31:56	9:49:53	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	116.6	117.9	128.5	120.4	76.8	76.8	107.9	324.1	684.9	317.1
14:32:56	9:50:53	28.8	29.0	30.0	77.9	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	125.3	128.5	120.3	76.8	76.8	107.9	324.1	684.9	317.0
14:33:56	9:51:53	28.8	29.0	30.0	77.9	100.0	118.1	118.8	118.4	117.1	118.8	118.6	118.3	122.3	137.1	128.4	120.3	76.9	76.8	107.9	324.1	684.9	317.0
14:34:56	9:52:53	28.8	29.0	30.0	77.9	100.0	118.2	118.9	118.5	117.2	119.0	118.8	118.4	121.8	132.8	128.2	120.2	76.8	76.8	107.9	324.1	684.9	317.1
14:35:56	9:53:53	28.8	29.0	30.0	78.0	100.0	118.3	119.1	118.6	117.3	119.1	118.9	118.6	117.0	118.2	128.2	120.1	76.8	76.8	107.9	324.1	684.8	317.1
14:36:56	9:54:53	28.8	29.0	30.0	77.9	100.0	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.0	115.3	128.1	120.0	76.8	76.8	107.9	324.1	684.9	317.0
14:37:56	9:55:54	28.8	29.0	30.0	78.0	100.0	118.0	118.7	118.4	117.1	118.8	118.7	118.4	115.8	115.1	128.0	119.8	76.8	76.8	107.9	324.1	684.8	317.1
14:38:56	9:56:54	28.8	29.0	30.0	77.9	100.0	118.0	118.7	118.4	117.1	118.7	118.7	118.3	115.6	115.2	128.0	119.8	76.8	76.7	107.8	324.1	684.9	317.0
14:39:57	9:57:54	28.8	29.0	30.0	78.0	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.1	116.9	122.0	127.9	119.8	76.8	76.7	107.7	324.1	684.9	317.1
	MANUAL PHASE ADVANCE (egnon)					06/05/2015 17:42:36																	
14:40:14	9:58:11	28.8	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.8	317.1
	EXPOSURE(2) SUMMARY					06/05/2015 17:42:36																	
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:40:14	9:58:11	28.8	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.8	317.1

START PRESS: 0029.7 MAX PRESS: 0029.0 MAX TEMP: 119.2 DRM1 START: 324.2 DRM2 START: 684.9 MAX PRE TEMP: 129.6 MAX GAS TEMP: 083.6

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000046

END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.0 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.3
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.6
EO USED PHASE: 000.1 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/05/2015 17:42:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:40:14	0:00:00	28.8	29.0	30.0	77.9	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.8	317.1
LONG EXPOSURE ALARM 06/05/2015 17:42:36																							
14:40:14	0:00:00	28.8	29.0	30.0	78.0	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.2	118.8	127.4	127.8	119.8	76.8	76.7	107.7	324.1	684.9	317.1
ALARM SILENCED (egnon) 06/05/2015 17:42:59																							
14:40:38	0:00:23	28.5	28.6	30.0	77.5	100.0	117.7	118.3	118.1	116.8	118.4	118.3	118.0	119.6	128.3	127.7	119.7	76.7	82.5	107.7	324.1	684.8	315.5
14:41:14	0:01:00	28.1	28.2	30.0	77.1	100.0	117.7	118.3	118.0	116.7	118.4	118.2	117.9	118.4	126.5	127.7	119.8	76.8	86.3	107.8	324.1	684.9	311.1
14:42:15	0:02:00	27.4	27.5	30.0	75.7	100.0	117.5	118.3	117.9	116.5	118.3	118.2	117.8	119.3	127.6	127.7	119.7	76.8	88.3	107.8	324.1	684.8	301.9
14:43:15	0:03:00	26.8	26.9	30.0	73.9	100.0	117.5	118.3	117.9	116.5	118.2	118.1	117.7	119.3	126.5	127.8	119.6	76.7	89.8	107.8	324.1	684.8	296.0
14:44:15	0:04:00	26.1	26.2	30.0	72.5	98.9	117.5	118.2	117.8	116.5	118.2	118.1	117.6	119.0	125.2	127.6	119.5	76.7	90.8	107.7	324.1	684.9	286.9
14:45:15	0:05:00	25.4	25.5	30.0	71.1	97.1	117.4	118.2	117.8	116.4	118.2	118.1	117.5	118.9	125.0	127.5	119.3	76.6	91.7	107.8	324.1	684.8	279.4
14:46:15	0:06:01	24.8	24.9	30.0	69.8	95.2	117.4	118.2	117.8	116.4	118.3	118.1	117.6	119.3	127.1	127.4	119.3	76.7	92.1	107.8	324.1	684.8	271.9
14:47:15	0:07:01	24.0	24.2	30.0	68.4	93.2	117.5	118.3	117.9	116.4	118.2	118.1	117.6	119.9	127.8	127.3	119.3	76.7	92.6	107.8	324.1	684.9	264.3
14:48:15	0:08:01	23.4	23.5	30.0	67.0	91.5	117.4	118.3	117.8	116.3	118.2	118.1	117.5	120.0	127.2	127.3	119.2	76.7	92.7	107.7	324.1	684.8	256.8
14:49:15	0:09:01	22.7	22.8	30.0	66.1	90.2	117.5	118.3	117.9	116.3	118.3	118.1	117.6	119.9	126.3	127.4	119.2	76.7	92.7	107.7	324.1	684.8	250.7
14:50:15	0:10:01	22.0	22.1	30.0	64.8	88.4	117.4	118.3	117.8	116.3	118.3	118.1	117.5	119.6	125.5	127.3	119.5	76.6	92.7	107.9	324.1	684.8	241.7
14:51:16	0:11:01	21.4	21.5	30.0	63.9	87.3	117.4	118.3	117.8	116.2	118.3	118.1	117.4	119.6	125.0	127.0	122.5	76.6	92.7	108.2	324.1	684.9	234.2
14:52:16	0:12:01	20.6	20.7	30.0	62.5	85.4	117.4	118.3	117.8	116.2	118.3	118.1	117.5	119.6	124.9	127.0	122.4	76.6	92.7	108.0	324.1	684.9	226.6
STERILANT REMOVAL SUMMARY 06/05/2015 17:54:47																							
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:52:26	0:12:12	20.5	20.6	30.0	62.5	85.4	117.4	118.3	117.8	116.2	118.3	118.2	117.5	119.2	124.4	127.0	122.4	76.6	92.7	108.1	324.1	684.8	225.1

START PRESS: 0028.8 MAX PRESS: 0028.8 MAX TEMP: 118.6 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 127.8 MAX GAS TEMP: 076.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:1/6) 06/05/2015 17:54:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:52:26	0:00:00	20.5	20.6	30.0	62.5	85.4	117.4	118.3	117.8	116.2	118.3	118.2	117.5	119.2	124.4	127.0	122.4	76.6	92.7	108.1	324.1	684.8	225.1
14:54:26	0:02:00	23.2	23.3	30.0	65.7	87.4	118.4	119.3	118.8	117.2	119.4	119.1	118.6	119.2	123.2	126.8	122.3	104.2	89.4	108.1	324.1	684.9	237.2
14:56:27	0:04:00	25.9	26.0	30.0	65.7	86.4	118.8	119.7	119.2	117.7	119.7	119.4	119.0	119.2	124.3	126.6	122.0	111.8	86.9	108.1	324.1	684.8	228.1
POST N2 WASH(1) (Loop:1/6) SUMMARY 06/05/2015 18:00:42																							
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:58:21	0:05:54	28.5	28.6	30.0	64.3	84.2	119.0	119.8	119.3	118.0	119.9	119.6	119.3	119.2	124.0	126.5	121.7	112.7	85.2	108.0	324.1	684.8	216.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 127.1 MAX GAS TEMP: 112.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.5 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.7

POST EVACUATION(1) (Loop:1/6) 06/05/2015 18:00:42

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000047

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
14:58:21	0:00:00	28.5	28.6	30.0	64.3	84.2	119.0	119.8	119.3	118.0	119.9	119.6	119.3	119.2	124.0	126.5	121.7	112.7	85.2	108.0	324.1	684.8	216.1
15:00:21	0:02:00	25.8	25.9	30.0	58.0	78.3	117.8	118.7	118.2	116.7	118.6	118.4	117.8	119.3	123.5	126.3	121.5	106.2	93.4	108.1	324.1	684.8	181.5
15:02:21	0:04:00	23.1	23.2	30.0	54.3	74.2	117.4	118.3	117.8	116.2	118.3	118.1	117.5	119.4	123.7	126.2	121.3	99.8	95.7	108.1	324.1	684.9	160.4

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/05/2015 18:06:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:04:15	0:05:54	20.5	20.6	30.0	51.2	70.3	117.2	118.1	117.6	115.9	118.0	117.8	117.1	119.8	124.7	126.1	121.2	95.3	96.9	108.1	324.1	684.9	145.4

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 126.5 MAX GAS TEMP: 112.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.1 MIN GAS TEMP: 095.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.2

POST N2 WASH(1) (Loop:2/6) 06/05/2015 18:06:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:04:15	0:00:00	20.5	20.6	30.0	51.2	70.3	117.2	118.1	117.6	115.9	118.0	117.8	117.1	119.8	124.7	126.1	121.2	95.3	96.9	108.1	324.1	684.9	145.4
15:06:16	0:02:00	23.2	23.3	30.0	54.3	72.2	118.5	119.4	118.8	117.3	119.4	119.2	118.7	119.8	124.4	125.9	121.0	107.5	92.4	108.1	324.1	684.9	155.9
15:08:16	0:04:00	25.9	26.1	30.0	54.8	72.0	118.9	119.7	119.2	117.8	119.8	119.5	119.2	119.8	124.5	125.8	120.7	111.7	88.9	108.0	324.1	684.9	154.4

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/05/2015 18:12:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:10:09	0:05:53	28.5	28.6	30.0	54.8	71.5	119.2	119.9	119.4	118.2	120.1	119.7	119.5	120.1	125.9	125.7	120.4	112.3	86.5	107.9	324.1	684.8	146.9

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.1 MAX GAS TEMP: 112.3
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 125.6 MIN GAS TEMP: 095.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:2/6) 06/05/2015 18:12:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:10:09	0:00:00	28.5	28.6	30.0	54.8	71.5	119.2	119.9	119.4	118.2	120.1	119.7	119.5	120.1	125.9	125.7	120.4	112.3	86.5	107.9	324.1	684.8	146.9
15:12:09	0:02:00	25.8	25.9	30.0	49.8	67.2	117.9	118.7	118.2	116.8	118.6	118.4	118.0	120.3	126.1	125.6	120.3	106.5	93.6	108.0	324.1	684.8	122.8
15:14:09	0:04:00	23.0	23.2	30.0	47.1	64.2	117.4	118.3	117.8	116.3	118.3	118.1	117.5	120.4	126.8	125.4	120.1	100.8	96.2	107.9	324.1	684.9	110.7

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/05/2015 18:18:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:16:01	0:05:52	20.5	20.6	30.0	45.7	62.7	117.2	118.1	117.6	116.1	118.1	117.9	117.2	120.5	128.1	125.3	120.0	96.5	97.5	107.9	324.1	684.8	103.3

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.7 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 125.2 MIN GAS TEMP: 096.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.0

POST N2 WASH(1) (Loop:3/6) 06/05/2015 18:18:23

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000048

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:16:01	0:00:00	20.5	20.6	30.0	45.7	62.7	117.2	118.1	117.6	116.1	118.1	117.9	117.2	120.5	128.1	125.3	120.0	96.5	97.5	107.9	324.1	684.8	103.3
15:18:01	0:02:00	23.2	23.3	30.0	48.4	64.3	118.5	119.4	118.9	117.4	119.5	119.2	118.8	120.5	127.9	125.1	119.8	107.1	92.9	107.8	324.1	684.9	112.3
15:20:01	0:04:00	25.9	26.1	30.0	49.3	64.7	119.0	119.7	119.3	117.9	119.9	119.5	119.3	120.5	127.8	125.1	119.5	111.1	89.3	107.8	324.1	684.9	112.3

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/05/2015 18:24:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:21:55	0:05:54	28.5	28.6	30.0	49.3	64.3	119.2	119.9	119.4	118.2	120.1	119.8	119.6	120.3	128.0	124.9	119.2	111.4	86.6	107.7	324.1	684.8	107.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.3 MAX GAS TEMP: 111.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.9 MIN GAS TEMP: 096.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:3/6) 06/05/2015 18:24:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:21:55	0:00:00	28.5	28.6	30.0	49.3	64.3	119.2	119.9	119.4	118.2	120.1	119.8	119.6	120.3	128.0	124.9	119.2	111.4	86.6	107.7	324.1	684.8	107.7
15:23:55	0:02:00	25.8	25.9	30.0	45.7	61.7	117.9	118.7	118.2	116.8	118.7	118.5	118.0	120.0	127.4	124.7	119.1	106.2	94.5	107.7	324.1	684.9	91.2
15:25:55	0:04:00	23.1	23.2	30.0	43.4	59.2	117.5	118.3	117.9	116.4	118.3	118.1	117.6	120.3	127.8	124.5	122.5	100.7	97.4	108.1	324.1	684.8	83.6

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/05/2015 18:30:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:27:50	0:05:55	20.5	20.6	30.0	42.1	57.7	117.2	118.1	117.6	116.1	118.2	118.0	117.3	119.4	125.8	124.5	122.4	96.6	98.8	108.0	324.1	684.8	79.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.0 MAX GAS TEMP: 111.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 124.5 MIN GAS TEMP: 096.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:4/6) 06/05/2015 18:30:11

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:27:50	0:00:00	20.5	20.6	30.0	42.1	57.7	117.2	118.1	117.6	116.1	118.2	118.0	117.3	119.4	125.8	124.5	122.4	96.6	98.8	108.0	324.1	684.8	79.1
15:29:50	0:02:00	23.2	23.3	30.0	44.8	59.3	118.6	119.4	118.9	117.5	119.5	119.3	118.9	119.2	125.4	124.3	122.2	108.5	94.5	108.0	324.1	684.9	88.2
15:31:50	0:04:00	25.9	26.0	30.0	45.7	59.8	119.0	119.8	119.3	118.0	119.9	119.6	119.4	119.3	125.5	124.3	121.9	112.9	90.8	107.9	324.1	684.9	88.2

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/05/2015 18:36:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:33:45	0:05:55	28.5	28.6	30.0	46.2	60.0	119.3	120.1	119.5	118.4	120.2	119.8	119.7	119.2	123.8	124.1	121.6	113.6	88.1	108.0	324.1	684.9	85.2

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 124.5 MAX GAS TEMP: 113.6
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.1 MIN GAS TEMP: 096.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.6

POST EVACUATION(1) (Loop:4/6) 06/05/2015 18:36:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000049

15:33:45	0:00:00	28.5	28.6	30.0	46.2	60.0	119.3	120.1	119.5	118.4	120.2	119.8	119.7	119.2	123.8	124.1	121.6	113.6	88.1	108.0	324.1	684.9	85.2
15:35:45	0:02:00	25.8	25.9	30.0	42.5	57.3	117.9	118.7	118.2	116.9	118.7	118.4	118.1	119.0	123.1	129.1	121.4	107.8	95.1	108.0	324.1	684.9	73.1
15:37:45	0:04:00	23.1	23.2	30.0	40.7	55.4	117.6	118.3	117.9	116.5	118.3	118.2	117.7	119.2	123.1	129.1	121.2	102.1	97.8	107.9	324.1	684.8	65.6

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/05/2015 18:42:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:39:38	0:05:54	20.5	20.6	30.0	39.8	54.5	117.3	118.2	117.7	116.2	118.1	117.9	117.3	120.0	125.2	129.0	121.1	97.9	99.2	107.9	324.1	684.9	62.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 113.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 097.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.1

POST N2 WASH(1) (Loop:5/6) 06/05/2015 18:42:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:39:38	0:00:00	20.5	20.6	30.0	39.8	54.5	117.3	118.2	117.7	116.2	118.1	117.9	117.3	120.0	125.2	129.0	121.1	97.9	99.2	107.9	324.1	684.9	62.6
15:41:38	0:02:00	23.2	23.3	30.0	42.5	56.3	118.6	119.4	119.0	117.5	119.6	119.3	119.0	120.3	126.1	128.8	120.9	108.0	95.5	107.9	324.1	684.8	71.6
15:43:39	0:04:00	25.9	26.0	30.0	43.4	56.8	119.1	119.8	119.3	118.1	120.0	119.6	119.5	120.4	126.3	128.6	120.7	112.2	91.9	107.9	324.1	684.9	73.2

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/05/2015 18:47:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:45:33	0:05:54	28.5	28.6	30.0	43.9	57.1	119.3	120.1	119.5	118.4	120.1	119.8	119.7	120.5	127.6	128.5	120.4	112.5	89.3	107.8	324.1	684.8	70.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.0 MAX GAS TEMP: 112.5
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 128.5 MIN GAS TEMP: 097.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:5/6) 06/05/2015 18:47:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:45:33	0:00:00	28.5	28.6	30.0	43.9	57.1	119.3	120.1	119.5	118.4	120.1	119.8	119.7	120.5	127.6	128.5	120.4	112.5	89.3	107.8	324.1	684.8	70.1
15:47:33	0:02:00	25.8	25.9	30.0	40.7	54.9	117.9	118.7	118.2	116.9	118.7	118.5	118.1	120.6	128.0	128.3	120.2	107.1	95.3	107.7	324.1	684.9	59.6
15:49:33	0:04:00	23.0	23.2	30.0	38.9	52.9	117.6	118.3	117.9	116.5	118.4	118.1	117.7	120.3	127.7	128.2	120.1	101.7	98.0	107.7	324.1	684.9	55.1

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/05/2015 18:53:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:51:26	0:05:53	20.5	20.6	30.0	38.0	52.0	117.3	118.1	117.7	116.2	118.1	117.9	117.4	119.3	125.6	128.1	119.8	97.6	99.2	107.7	324.1	684.8	53.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 128.5 MAX GAS TEMP: 112.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.1 MIN GAS TEMP: 097.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.8

POST N2 WASH(1) (Loop:6/6) 06/05/2015 18:53:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:51:26	0:00:00	20.5	20.6	30.0	38.0	52.0	117.3	118.1	117.7	116.2	118.1	117.9	117.4	119.3	125.6	128.1	119.8	97.6	99.2	107.7	324.1	684.8	53.6

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15:53:26	0:02:00	23.2	23.3	30.0	40.7	53.8	118.7	119.4	119.0	117.6	119.5	119.3	119.0	119.6	126.2	127.9	119.7	107.2	95.7	107.6	324.1	684.8	59.5
15:55:26	0:04:00	25.9	26.0	30.0	41.6	54.4	119.1	119.8	119.4	118.1	120.0	119.7	119.5	119.6	125.9	127.6	119.3	111.1	92.2	107.5	324.1	684.9	61.0

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/05/2015 18:59:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:57:22	0:05:56	28.5	28.7	30.0	42.1	54.6	119.4	120.1	119.6	118.5	120.1	119.8	119.7	119.2	124.5	127.5	119.2	111.6	89.6	107.5	324.2	684.9	59.5

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 128.2 MAX GAS TEMP: 111.6
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.5 MIN GAS TEMP: 097.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: -000.1 EO USED CYCLE:024.6 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:6/6) 06/05/2015 18:59:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:57:22	0:00:00	28.5	28.6	30.0	42.1	54.6	119.4	120.1	119.6	118.5	120.1	119.8	119.7	119.2	124.5	127.5	119.2	111.6	89.6	107.5	324.2	684.9	59.5
15:59:22	0:02:00	25.8	25.9	30.0	38.9	52.3	118.0	118.8	118.3	117.0	118.7	118.5	118.2	119.2	123.7	127.4	122.4	106.2	95.0	108.1	324.1	684.9	50.5
16:01:22	0:04:00	23.1	23.2	30.0	37.1	50.3	117.6	118.3	118.0	116.6	118.4	118.2	117.8	119.4	123.6	127.2	122.3	101.0	97.7	107.8	324.1	684.9	46.0

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/05/2015 19:05:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:03:14	0:05:51	20.5	20.6	30.0	36.2	49.5	117.3	118.1	117.7	116.2	118.2	118.0	117.5	119.9	125.3	127.1	122.2	97.0	98.8	107.8	324.1	684.9	44.5

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.2 DRM2 START: 684.9 MAX PRE TEMP: 127.5 MAX GAS TEMP: 111.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.2 DRM2 END: 684.8 MIN PRE TEMP: 127.1 MIN GAS TEMP: 097.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:1/12) 06/05/2015 19:05:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:03:14	0:00:00	20.5	20.6	30.0	36.2	49.5	117.3	118.1	117.7	116.2	118.2	118.0	117.5	119.9	125.3	127.1	122.2	97.0	98.8	107.8	324.1	684.9	44.5
16:05:14	0:02:00	23.2	23.3	30.0	39.4	52.5	118.3	119.3	119.0	116.8	119.5	119.4	118.2	120.0	125.6	127.1	122.0	93.5	95.4	107.8	324.1	684.8	52.0
16:07:14	0:04:00	25.9	26.0	30.0	40.7	53.7	118.8	119.7	119.5	117.1	119.8	119.8	118.4	120.0	125.8	126.9	121.8	90.8	92.1	107.8	324.1	684.9	52.0
16:09:14	0:06:00	28.7	28.9	30.0	41.1	54.0	118.9	119.8	119.7	117.2	120.0	120.0	118.4	120.0	125.7	126.8	121.7	88.7	89.4	107.8	324.2	684.9	52.0

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/05/2015 19:11:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:09:34	0:06:20	29.1	29.3	30.0	41.6	54.6	118.9	119.9	119.7	117.2	120.0	119.9	118.4	119.2	123.8	126.7	121.7	88.3	89.0	107.7	324.1	684.8	52.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.2 MAX GAS TEMP: 097.0
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 126.7 MIN GAS TEMP: 088.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.7

POST EVACUATION(2) (Loop:1/12) 06/05/2015 19:11:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:09:34	0:00:00	29.1	29.3	30.0	41.6	54.6	118.9	119.9	119.7	117.2	120.0	119.9	118.4	119.2	123.8	126.7	121.7	88.3	89.0	107.7	324.1	684.8	52.0

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16:11:34	0:02:00	26.4	26.5	30.0	38.9	52.5	117.9	118.7	118.3	116.7	118.7	118.6	117.9	119.3	123.5	126.6	121.5	86.5	94.4	107.8	324.1	684.8	44.5
16:13:34	0:04:00	23.7	23.8	30.0	37.1	50.6	117.5	118.3	117.9	116.3	118.4	118.3	117.6	119.4	123.7	126.5	121.3	85.1	96.9	107.7	324.1	684.8	40.0
16:15:34	0:06:00	21.0	21.1	30.0	35.7	49.0	117.3	118.1	117.7	116.1	118.1	118.0	117.3	119.6	124.1	126.3	121.3	83.9	98.3	107.7	324.1	684.9	38.5

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/05/2015 19:18:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:15:54	0:06:20	20.5	20.6	30.0	35.7	49.0	117.3	118.1	117.7	116.1	118.1	118.0	117.3	119.6	126.5	126.2	121.2	83.8	98.4	107.6	324.1	684.9	38.5

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.0 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 126.7 MAX GAS TEMP: 088.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 126.2 MIN GAS TEMP: 083.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.2

AIR BACKFILL(1) (Loop:2/12) 06/05/2015 19:18:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:15:54	0:00:00	20.5	20.6	30.0	35.7	49.0	117.3	118.1	117.7	116.1	118.1	118.0	117.3	119.6	126.5	126.2	121.2	83.8	98.4	107.6	324.1	684.9	38.5
16:17:54	0:02:00	23.3	23.4	30.0	38.9	51.8	118.4	119.4	119.1	116.7	119.4	119.4	118.0	119.6	126.3	126.2	121.0	82.8	95.2	107.6	324.1	684.8	44.5
16:19:55	0:04:00	25.9	26.1	30.0	39.8	52.6	118.7	119.7	119.5	116.9	119.8	119.8	118.3	119.4	125.8	126.1	120.9	82.1	91.9	107.6	324.1	684.9	46.0
16:21:55	0:06:00	28.7	28.9	30.0	40.2	52.9	118.9	119.9	119.7	117.0	120.0	120.0	118.3	119.2	124.7	125.9	120.8	81.4	89.3	107.6	324.1	684.9	44.5

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/05/2015 19:24:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:22:13	0:06:29	29.1	29.3	30.0	40.7	53.4	118.9	119.9	119.8	117.1	120.0	120.0	118.3	120.5	128.0	125.8	120.7	81.3	89.0	107.6	324.1	684.9	44.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.3 MAX GAS TEMP: 083.9
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.8 MIN GAS TEMP: 081.3
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.7

POST EVACUATION(2) (Loop:2/12) 06/05/2015 19:24:34

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:22:13	0:00:00	29.1	29.3	30.0	40.7	53.4	118.9	119.9	119.8	117.1	120.0	120.0	118.3	120.5	128.0	125.8	120.7	81.3	89.0	107.6	324.1	684.9	44.5
16:24:13	0:02:00	26.4	26.5	30.0	38.0	51.3	117.8	118.7	118.3	116.6	118.7	118.6	117.8	120.1	127.6	125.7	120.6	80.8	94.7	107.6	324.1	684.9	38.8
16:26:13	0:04:00	23.7	23.8	30.0	36.2	49.2	117.6	118.3	118.1	116.4	118.4	118.3	117.5	119.6	126.6	125.5	120.4	80.3	97.3	107.6	324.1	684.9	35.5
16:28:13	0:06:00	21.0	21.1	30.0	35.3	48.3	117.3	118.2	117.8	116.1	118.2	118.1	117.4	119.2	125.0	125.4	120.3	79.9	98.1	107.6	324.1	684.9	34.0

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/05/2015 19:30:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:28:32	0:06:19	20.5	20.6	30.0	35.3	48.4	117.2	118.1	117.7	116.0	118.2	118.0	117.3	120.4	127.8	125.4	120.3	79.9	98.3	107.6	324.1	684.9	34.0

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.9 MAX GAS TEMP: 081.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.4 MIN GAS TEMP: 079.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.3

AIR BACKFILL(1) (Loop:3/12) 06/05/2015 19:30:53

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

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hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
16:28:32	0:00:00	20.5	20.6	30.0	35.3	48.4	117.2	118.1	117.7	116.0	118.2	118.0	117.3	120.4	127.8	125.4	120.3	79.9	98.3	107.6	324.1	684.9	34.0
16:30:32	0:02:00	23.3	23.4	30.0	38.0	50.6	118.3	119.4	119.1	116.6	119.4	119.4	117.9	120.5	128.1	125.2	120.2	79.6	95.1	107.5	324.1	684.9	40.0
16:32:32	0:04:00	26.0	26.1	30.0	38.9	51.3	118.7	119.7	119.5	116.9	119.8	119.8	118.2	120.3	127.7	125.2	120.0	79.3	92.0	107.6	324.1	684.9	40.1
16:34:32	0:06:00	28.6	28.8	30.0	39.8	52.3	118.9	119.9	119.8	117.1	120.0	120.0	118.3	120.3	127.7	124.9	119.8	79.1	89.5	107.5	324.1	684.9	40.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/05/2015 19:37:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:34:55	0:06:28	29.1	29.2	30.0	39.8	52.2	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.9	125.3	125.0	119.8	79.0	89.2	107.6	324.1	684.9	40.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.4 MAX GAS TEMP: 079.9
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.9 MIN GAS TEMP: 078.9
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:3/12) 06/05/2015 19:37:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:34:55	0:00:00	29.1	29.2	30.0	39.8	52.2	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.9	125.3	125.0	119.8	79.0	89.2	107.6	324.1	684.9	40.0
16:36:55	0:02:00	26.4	26.5	30.0	37.1	50.0	117.9	118.8	118.4	116.6	118.8	118.6	117.8	120.3	125.9	124.8	119.7	78.8	94.7	107.6	324.1	684.8	34.0
16:38:55	0:04:00	23.6	23.8	30.0	35.3	48.0	117.6	118.3	118.0	116.4	118.4	118.3	117.5	120.3	126.4	124.6	119.6	78.6	97.1	107.5	324.1	684.9	31.0
16:40:55	0:06:00	20.9	21.0	30.0	34.3	47.0	117.4	118.2	117.9	116.1	118.2	118.1	117.3	120.6	127.4	124.5	119.5	78.5	98.4	107.5	324.1	684.9	29.4

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/05/2015 19:43:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:41:17	0:06:21	20.5	20.6	30.0	34.3	47.1	117.3	118.1	117.8	116.0	118.2	118.1	117.2	119.4	123.6	124.5	119.3	78.4	98.6	107.5	324.1	684.9	29.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.0 MAX GAS TEMP: 079.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.4 MIN GAS TEMP: 078.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:4/12) 06/05/2015 19:43:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:41:17	0:00:00	20.5	20.6	30.0	34.3	47.1	117.3	118.1	117.8	116.0	118.2	118.1	117.2	119.4	123.6	124.5	119.3	78.4	98.6	107.5	324.1	684.9	29.4
16:43:17	0:02:00	23.3	23.4	30.0	37.1	49.3	118.4	119.4	119.2	116.7	119.4	119.5	118.0	119.8	124.4	124.3	119.3	78.2	95.3	107.5	324.1	684.9	34.0
16:45:17	0:04:00	25.9	26.0	30.0	38.0	50.1	118.8	119.8	119.6	116.9	119.9	119.9	118.3	120.0	125.2	124.3	119.2	78.1	92.1	107.5	324.1	684.9	35.5
16:47:17	0:06:00	28.6	28.8	30.0	38.9	51.1	118.9	119.9	119.8	117.1	120.1	120.1	118.3	120.1	125.6	124.1	119.0	77.9	89.4	107.4	324.1	684.9	35.5

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/05/2015 19:49:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:47:34	0:06:28	29.1	29.3	30.0	38.9	51.1	118.9	119.9	119.8	117.1	120.1	120.1	118.3	118.9	123.4	124.2	118.8	77.8	89.1	107.5	324.1	684.9	35.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.6 MAX GAS TEMP: 078.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.1 MIN GAS TEMP: 077.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:4/12) 06/05/2015 19:49:55

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000053

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:47:34	0:00:00	29.1	29.3	30.0	38.9	51.1	118.9	119.9	119.8	117.1	120.1	120.1	118.3	118.9	123.4	124.2	118.8	77.8	89.1	107.5	324.1	684.9	35.5
16:49:34	0:02:00	26.4	26.6	30.0	36.2	48.8	117.9	118.7	118.4	116.6	118.8	118.7	117.8	118.9	123.1	127.1	122.3	77.6	94.3	107.8	324.1	684.9	29.4
16:51:35	0:04:00	23.6	23.8	30.0	34.8	47.3	117.6	118.3	118.1	116.3	118.4	118.3	117.5	119.2	122.9	128.9	122.2	77.5	96.9	107.8	324.1	684.8	28.0
16:53:35	0:06:00	20.9	21.1	30.0	33.9	46.4	117.3	118.2	117.8	116.1	118.2	118.1	117.3	119.3	123.7	128.7	122.1	77.4	98.3	107.8	324.1	684.8	26.4

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/05/2015 19:56:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:53:55	0:00:00	20.5	20.6	30.0	33.4	45.8	117.3	118.2	117.8	116.0	118.1	118.0	117.2	119.9	127.4	128.8	122.0	77.4	98.4	107.8	324.1	684.9	26.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.3 MAX GAS TEMP: 077.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 077.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:5/12) 06/05/2015 19:56:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:53:55	0:00:00	20.5	20.6	30.0	33.4	45.8	117.3	118.2	117.8	116.0	118.1	118.0	117.2	119.9	127.4	128.8	122.0	77.4	98.4	107.8	324.1	684.9	26.4
16:55:55	0:02:00	23.2	23.3	30.0	36.2	48.2	118.3	119.4	119.1	116.6	119.5	119.5	117.9	119.8	126.9	128.6	121.8	77.2	95.1	107.7	324.1	684.9	29.5
16:57:55	0:04:00	25.9	26.0	30.0	37.1	49.0	118.7	119.7	119.5	116.9	119.8	119.8	118.1	119.8	126.9	128.5	121.8	77.2	91.8	107.7	324.1	684.9	31.0
16:59:55	0:06:00	28.7	28.9	30.0	38.4	50.6	118.8	119.8	119.7	117.0	120.1	120.0	118.3	119.6	126.1	128.3	121.6	77.1	89.2	107.7	324.1	684.9	31.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/05/2015 20:02:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:00:16	0:06:21	29.1	29.3	30.0	38.4	50.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.5	127.5	128.3	121.6	77.0	88.9	107.8	324.1	684.9	31.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.8 MAX GAS TEMP: 077.4
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.2 MIN GAS TEMP: 077.0
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.5

POST EVACUATION(2) (Loop:5/12) 06/05/2015 20:02:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:00:16	0:00:00	29.1	29.3	30.0	38.4	50.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.5	127.5	128.3	121.6	77.0	88.9	107.8	324.1	684.9	31.0
17:02:16	0:02:00	26.4	26.5	30.0	35.6	48.0	117.9	118.7	118.4	116.6	118.7	118.7	117.7	120.6	127.9	128.1	121.5	77.0	94.7	107.8	324.1	684.9	26.4
17:04:16	0:04:00	23.7	23.8	30.0	34.3	46.7	117.6	118.3	118.1	116.3	118.4	118.3	117.5	120.3	127.7	128.0	121.3	77.0	97.2	107.7	324.1	684.9	23.4
17:06:17	0:06:00	20.9	21.0	30.0	33.5	45.7	117.4	118.2	117.9	116.1	118.2	118.1	117.2	119.6	126.2	127.8	121.2	76.9	98.7	107.7	324.1	684.8	23.5

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/05/2015 20:08:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:06:36	0:06:19	20.5	20.6	30.0	33.0	45.3	117.2	118.1	117.7	115.9	118.2	118.1	117.2	120.3	127.2	127.8	121.1	76.9	98.8	107.7	324.1	684.9	21.9

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.3 MAX GAS TEMP: 077.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.8 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.1

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AIR BACKFILL(1) (Loop:6/12) 06/05/2015 20:08:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:06:36	0:00:00	20.5	20.6	30.0	33.0	45.3	117.2	118.1	117.7	115.9	118.2	118.1	117.2	120.3	127.2	127.8	121.1	76.9	98.8	107.7	324.1	684.9	21.9
17:08:36	0:02:00	23.3	23.4	30.0	35.3	47.0	118.4	119.4	119.2	116.6	119.5	119.5	118.0	120.4	127.5	127.6	121.0	76.8	95.5	107.7	324.1	684.8	26.5
17:10:36	0:04:00	26.0	26.1	30.0	37.1	48.9	118.7	119.7	119.6	116.9	119.9	119.9	118.2	120.3	127.8	127.5	120.9	76.8	92.3	107.7	324.1	684.8	27.9
17:12:36	0:06:00	28.6	28.8	30.0	38.0	49.9	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.3	127.7	127.4	120.7	76.8	89.7	107.7	324.1	684.9	26.5

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/05/2015 20:15:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:12:53	0:06:17	29.1	29.2	30.0	38.0	49.9	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.1	126.2	127.4	120.6	76.8	89.4	107.6	324.1	684.9	26.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.8 MAX GAS TEMP: 076.9
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.3 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.6

POST EVACUATION(2) (Loop:6/12) 06/05/2015 20:15:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:12:53	0:00:00	29.1	29.2	30.0	38.0	49.9	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.1	126.2	127.4	120.6	76.8	89.4	107.6	324.1	684.9	26.4
17:14:53	0:02:00	26.4	26.5	30.0	35.3	47.6	117.9	118.7	118.4	116.6	118.8	118.7	117.8	120.4	127.2	127.1	120.5	76.8	95.0	107.7	324.1	684.9	23.5
17:16:53	0:04:00	23.6	23.8	30.0	33.9	46.1	117.6	118.3	118.1	116.3	118.4	118.3	117.5	120.5	127.9	127.0	120.4	76.9	97.5	107.7	324.1	684.9	22.0
17:18:53	0:06:00	21.0	21.1	30.0	33.0	45.1	117.4	118.2	117.9	116.1	118.2	118.1	117.3	120.5	128.1	126.9	120.2	76.8	98.8	107.6	324.1	684.8	20.4

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/05/2015 20:21:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:12	0:06:29	20.5	20.6	30.0	32.5	44.6	117.3	118.1	117.8	115.9	118.2	118.1	117.2	120.3	125.8	126.9	120.2	76.8	99.1	107.7	324.1	684.9	20.5

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.4 MAX GAS TEMP: 076.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.8 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.2

AIR BACKFILL(1) (Loop:7/12) 06/05/2015 20:21:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:12	0:00:00	20.5	20.6	30.0	32.5	44.6	117.3	118.1	117.8	115.9	118.2	118.1	117.2	120.3	125.8	126.9	120.2	76.8	99.1	107.7	324.1	684.9	20.5
17:21:12	0:02:00	23.3	23.4	30.0	35.3	46.9	118.4	119.4	119.2	116.7	119.6	119.6	118.0	120.1	126.2	126.7	120.1	76.8	95.6	107.6	324.1	684.9	23.5
17:23:12	0:04:00	26.0	26.1	30.0	36.2	47.9	118.6	119.7	119.5	116.8	119.9	119.9	118.2	120.3	126.5	126.6	119.8	76.7	92.3	107.6	324.1	684.9	23.5
17:25:12	0:06:00	28.6	28.8	30.0	37.1	48.7	118.9	119.9	119.8	117.0	120.1	120.1	118.3	120.3	127.0	126.4	119.7	76.7	89.6	107.6	324.1	684.9	23.4

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/05/2015 20:27:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:25:30	0:06:18	29.1	29.2	30.0	37.1	48.7	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.8	124.4	126.4	119.7	76.7	89.3	107.6	324.1	684.9	23.5

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.9 MAX GAS TEMP: 076.8
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.3 MIN GAS TEMP: 076.6

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000055

PRESS CHANGE: 003.6

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:7/12) 06/05/2015 20:27:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:25:30	0:00:00	29.1	29.2	30.0	37.1	48.7	118.9	119.9	119.8	117.1	120.1	120.1	118.3	119.8	124.4	126.4	119.7	76.7	89.3	107.6	324.1	684.9	23.5
17:27:30	0:02:00	26.4	26.5	30.0	34.8	46.9	117.9	118.8	118.5	116.6	118.8	118.7	117.8	120.0	125.3	126.3	119.6	76.7	94.6	107.5	324.1	684.9	20.4
17:29:30	0:04:00	23.6	23.8	30.0	33.4	45.5	117.6	118.3	118.1	116.3	118.5	118.4	117.5	120.0	125.9	126.2	119.3	76.6	97.1	107.5	324.1	684.9	18.9
17:31:30	0:06:00	20.9	21.0	30.0	32.5	44.5	117.3	118.2	117.9	116.0	118.3	118.2	117.3	120.3	126.8	126.0	119.3	76.6	98.6	107.5	324.1	684.9	17.5

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/05/2015 20:34:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:31:49	0:06:30	20.5	20.6	30.0	32.5	44.5	117.3	118.2	117.9	116.0	118.2	118.1	117.2	119.3	123.4	126.0	119.3	76.6	98.7	107.5	324.1	684.9	17.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.1 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.5 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.0 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.3

AIR BACKFILL(1) (Loop:8/12) 06/05/2015 20:34:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:31:49	0:00:00	20.5	20.6	30.0	32.5	44.5	117.3	118.2	117.9	116.0	118.2	118.1	117.2	119.3	123.4	126.0	119.3	76.6	98.7	107.5	324.1	684.9	17.4
17:33:49	0:02:00	23.3	23.4	30.0	34.8	46.4	118.4	119.4	119.2	116.6	119.5	119.5	118.0	119.6	123.7	125.9	119.2	76.5	95.3	107.4	324.1	684.9	20.5
17:35:49	0:04:00	26.0	26.1	30.0	35.7	47.1	118.7	119.7	119.6	116.9	119.9	119.9	118.2	119.6	123.9	125.8	119.0	76.5	92.0	107.3	324.1	684.9	22.0
17:37:50	0:06:00	28.6	28.8	30.0	36.1	47.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	119.9	124.8	125.5	118.8	76.5	89.4	107.3	324.1	684.9	22.0

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/05/2015 20:40:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:36:07	0:06:18	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.1	120.1	118.4	118.9	123.3	125.5	118.8	76.5	89.0	107.3	324.1	684.9	22.0

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.0 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.5 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:8/12) 06/05/2015 20:40:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:36:07	0:00:00	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.1	120.1	118.4	118.9	123.3	125.5	118.8	76.5	89.0	107.3	324.1	684.9	22.0
17:40:07	0:02:00	26.4	26.5	30.0	34.3	46.3	117.9	118.8	118.5	116.6	118.8	118.7	117.8	119.2	122.8	125.5	122.3	76.5	94.7	107.8	324.1	684.9	17.4
17:42:07	0:04:00	23.7	23.8	30.0	33.0	44.8	117.6	118.5	118.1	116.3	118.5	118.3	117.5	119.4	123.7	125.3	122.3	76.5	97.3	107.7	324.1	684.9	15.9
17:44:07	0:06:00	20.9	21.0	30.0	32.1	43.9	117.3	118.2	117.8	116.1	118.2	118.1	117.2	120.0	125.1	125.2	122.0	76.4	98.8	107.7	324.1	684.8	15.9

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/05/2015 20:46:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:26	0:06:10	20.5	20.6	30.0	32.1	43.9	117.3	118.2	117.8	116.0	118.2	118.1	117.2	118.9	123.7	125.3	122.0	76.4	99.0	107.8	324.1	684.8	15.9

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000056

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.5 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 125.1 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:9/12) 06/05/2015 20:46:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:26	0:00:00	20.5	20.6	30.0	32.1	43.9	117.3	118.2	117.8	116.0	118.2	118.1	117.2	118.9	123.7	125.3	122.0	76.4	99.0	107.8	324.1	684.8	15.9
17:46:26	0:02:00	23.3	23.4	30.0	33.9	45.1	118.4	119.4	119.2	116.6	119.6	119.5	118.0	119.0	122.6	125.1	121.9	76.5	95.6	107.7	324.1	684.9	18.9
17:48:27	0:04:00	26.0	26.1	30.0	35.3	46.5	118.8	119.8	119.6	116.9	119.9	119.9	118.2	119.3	123.2	124.9	121.7	76.5	92.3	107.7	324.1	684.9	19.0
17:50:27	0:06:00	28.6	28.8	30.0	36.2	47.5	118.9	119.9	119.8	117.0	120.1	120.1	118.3	119.6	123.7	124.7	121.6	76.5	89.8	107.7	324.1	684.8	18.9

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/05/2015 20:53:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:44	0:06:17	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.2	120.2	118.4	119.0	124.5	124.6	121.5	76.5	89.4	107.7	324.1	684.9	18.9

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 125.3 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.6 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.5

POST EVACUATION(2) (Loop:9/12) 06/05/2015 20:53:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:44	0:00:00	29.1	29.2	30.0	36.2	47.5	118.9	119.9	119.8	117.1	120.2	120.2	118.4	119.0	124.5	124.6	121.5	76.5	89.4	107.7	324.1	684.9	18.9
17:52:44	0:02:00	26.4	26.5	30.0	33.9	45.7	117.9	118.8	118.5	116.6	118.8	118.8	117.8	119.0	123.1	124.6	121.4	76.5	94.8	107.7	324.1	684.9	15.9
17:54:44	0:04:00	23.6	23.8	30.0	32.5	44.1	117.7	118.5	118.2	116.4	118.5	118.4	117.5	119.2	123.1	124.4	121.3	76.6	97.4	107.7	324.1	684.9	14.4
17:56:44	0:06:00	20.9	21.0	30.0	31.6	43.2	117.4	118.3	117.9	116.1	118.3	118.2	117.3	119.6	123.7	124.3	121.2	76.6	98.8	107.7	324.1	684.9	14.4

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/05/2015 20:59:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:04	0:06:20	20.5	20.6	30.0	31.6	43.3	117.4	118.2	117.9	116.1	118.2	118.1	117.3	119.3	125.5	124.3	121.1	76.5	99.0	107.8	324.1	684.9	14.4

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.3 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.7 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.3 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:10/12) 06/05/2015 20:59:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:04	0:00:00	20.5	20.6	30.0	31.6	43.3	117.4	118.2	117.9	116.1	118.2	118.1	117.3	119.3	125.5	124.3	121.1	76.5	99.0	107.8	324.1	684.9	14.4
17:59:04	0:02:00	23.3	23.4	30.0	33.9	45.0	118.5	119.4	119.3	116.7	119.5	119.5	118.0	119.3	125.3	124.1	121.0	76.6	95.6	107.6	324.1	684.9	15.9
18:01:04	0:04:00	26.0	26.1	30.0	34.8	45.9	118.7	119.7	119.6	116.9	119.9	119.9	118.2	119.2	124.5	124.1	120.8	76.6	92.3	107.7	324.1	684.9	15.9
18:03:04	0:06:00	28.6	28.8	30.0	35.3	46.2	119.0	120.1	119.8	117.1	120.1	120.1	118.3	119.2	123.8	124.0	120.7	76.6	89.6	107.6	324.1	684.9	15.9

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/05/2015 21:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:20	0:06:17	29.1	29.2	30.0	35.3	46.3	119.0	120.1	119.8	117.1	120.1	120.1	118.3	120.3	127.7	123.9	120.6	76.5	89.3	107.7	324.1	684.9	15.9

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000057

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.3 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 123.9 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.6

POST EVACUATION(2) (Loop:10/12) 06/05/2015 21:05:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:20	0:00:00	29.1	29.2	30.0	35.3	46.3	119.0	120.1	119.8	117.1	120.1	120.1	118.3	120.3	127.7	123.9	120.6	76.5	89.3	107.7	324.1	684.9	15.9
18:05:20	0:02:00	26.4	26.5	30.0	33.4	45.1	117.9	118.8	118.4	116.6	118.9	118.7	117.9	119.6	126.6	128.7	120.5	76.5	94.7	107.6	324.1	684.9	14.4
18:07:21	0:04:00	23.6	23.8	30.0	32.5	44.3	117.6	118.3	118.1	116.3	118.4	118.4	117.5	119.3	125.6	128.6	120.4	76.6	97.3	107.6	324.1	684.9	12.9
18:09:21	0:06:00	20.9	21.0	30.0	31.2	42.6	117.4	118.2	117.9	116.1	118.2	118.1	117.3	119.3	125.8	128.6	120.2	76.5	98.8	107.6	324.1	684.9	12.9

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/05/2015 21:12:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:40	0:06:20	20.5	20.6	30.0	31.2	42.7	117.3	118.1	117.8	116.0	118.2	118.1	117.3	120.3	127.4	128.6	120.1	76.5	99.0	107.6	324.1	684.9	12.9

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 123.8 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:11/12) 06/05/2015 21:12:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:40	0:00:00	20.5	20.6	30.0	31.2	42.7	117.3	118.1	117.8	116.0	118.2	118.1	117.3	120.3	127.4	128.6	120.1	76.5	99.0	107.6	324.1	684.9	12.9
18:11:40	0:02:00	23.3	23.4	30.0	33.4	44.5	118.4	119.4	119.2	116.6	119.6	119.5	118.0	120.4	127.6	128.4	120.0	76.6	95.5	107.6	324.1	684.9	14.4
18:13:40	0:04:00	26.0	26.1	30.0	34.4	45.3	118.8	119.8	119.7	116.9	119.9	119.9	118.2	120.4	127.8	128.4	119.8	76.6	92.2	107.5	324.1	684.9	14.5
18:15:40	0:06:00	28.6	28.8	30.0	35.3	46.3	119.0	119.9	119.9	117.1	120.1	120.1	118.4	120.3	127.7	128.2	119.8	76.6	89.5	107.5	324.1	684.9	14.4

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/05/2015 21:18:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:16:03	0:06:23	29.1	29.2	30.0	35.3	46.2	119.0	120.1	119.9	117.1	120.1	120.1	118.4	119.8	125.0	128.2	119.8	76.6	89.1	107.5	324.1	684.9	14.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.6 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.2 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.7

POST EVACUATION(2) (Loop:11/12) 06/05/2015 21:18:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:16:03	0:00:00	29.1	29.2	30.0	35.3	46.2	119.0	120.1	119.9	117.1	120.1	120.1	118.4	119.8	125.0	128.2	119.8	76.6	89.1	107.5	324.1	684.9	14.4
18:18:03	0:02:00	26.4	26.5	30.0	33.0	44.5	117.9	118.8	118.5	116.6	118.8	118.7	117.9	120.1	126.0	128.1	119.6	76.6	94.7	107.6	324.1	684.8	12.9
18:20:03	0:04:00	23.6	23.7	30.0	32.1	43.6	117.6	118.3	118.1	116.3	118.5	118.4	117.6	120.3	126.9	128.0	119.3	76.5	97.3	107.5	324.1	684.8	11.4
18:22:03	0:06:00	20.9	21.0	30.0	31.2	42.7	117.3	118.2	117.9	116.0	118.2	118.2	117.3	120.4	127.4	127.6	119.3	76.5	98.7	107.5	324.1	684.9	11.4

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/05/2015 21:24:44

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000058

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
18:22:23	0:06:20	20.5	20.6	30.0	31.2	42.6	117.4	118.3	117.9	116.1	118.2	118.2	117.3	119.8	124.6	127.5	119.2	76.5	98.8	107.4	324.1	684.8	11.4

START PRESS: 0029.1 MAX PRESS: 0029.2 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.2 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 127.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 119.2

AIR BACKFILL(1) (Loop:12/12) 06/05/2015 21:24:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:22:23	0:00:00	20.5	20.6	30.0	31.2	42.6	117.4	118.3	117.9	116.1	118.2	118.2	117.3	119.8	124.6	127.5	119.2	76.5	98.8	107.4	324.1	684.8	11.4
18:24:23	0:02:00	23.3	23.4	30.0	33.0	43.8	118.5	119.4	119.3	116.7	119.6	119.6	118.0	119.9	125.2	127.5	119.1	76.5	95.4	107.4	324.1	684.8	12.9
18:26:24	0:04:00	26.0	26.1	30.0	34.3	45.2	118.8	119.8	119.7	117.0	120.0	120.0	118.3	119.9	125.3	127.3	119.0	76.5	92.1	107.4	324.1	684.8	12.9
18:28:24	0:06:00	28.6	28.7	30.0	34.8	45.6	119.0	120.1	119.9	117.1	120.1	120.1	118.3	120.0	125.8	127.3	118.8	76.5	89.5	107.4	324.1	684.8	12.9

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/05/2015 21:31:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:28:40	0:06:17	29.1	29.2	30.0	34.8	45.6	119.0	120.1	119.9	117.1	120.2	120.2	118.4	119.3	123.5	127.3	118.8	76.5	89.2	107.4	324.1	684.9	12.9

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 127.7 MAX GAS TEMP: 076.6
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 127.2 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.2
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:12/12) 06/05/2015 21:31:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:28:40	0:00:00	29.1	29.2	30.0	34.8	45.6	119.0	120.1	119.9	117.1	120.2	120.2	118.4	119.3	123.5	127.3	118.8	76.5	89.2	107.4	324.1	684.9	12.9
18:30:40	0:02:00	26.4	26.5	30.0	32.5	43.8	118.0	118.8	118.5	116.7	118.8	118.8	117.9	119.4	123.4	127.0	122.4	76.6	94.8	107.8	324.1	684.8	11.4
18:32:40	0:04:00	23.7	23.8	30.0	31.6	43.0	117.6	118.3	118.1	116.4	118.5	118.4	117.6	119.8	124.3	126.9	122.2	76.6	97.5	107.8	324.1	684.8	9.9
18:34:40	0:06:00	21.0	21.0	30.0	30.7	42.0	117.4	118.3	117.9	116.1	118.3	118.2	117.4	120.1	125.5	126.8	122.1	76.6	98.8	107.8	324.1	684.9	9.9

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/05/2015 21:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:34:59	0:06:19	20.5	20.6	30.0	30.3	41.4	117.3	118.2	117.9	116.0	118.2	118.2	117.3	119.0	123.4	126.7	122.0	76.6	99.2	107.8	324.1	684.8	9.9

START PRESS: 0029.1 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.3 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.8 MIN PRE TEMP: 126.7 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 118.8

AIR BACKFILL(2) 06/05/2015 21:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:34:59	0:00:00	20.5	20.6	30.0	30.3	41.4	117.3	118.2	117.9	116.0	118.2	118.2	117.3	119.0	123.4	126.7	122.0	76.6	99.2	107.8	324.1	684.8	9.9
18:35:59	0:01:00	21.9	22.0	30.0	31.6	42.5	118.0	118.9	118.8	116.4	119.1	119.1	117.7	119.2	123.4	126.7	122.0	76.6	97.5	107.8	324.1	684.9	11.4
18:36:59	0:02:00	23.3	23.4	30.0	32.5	43.1	118.5	119.6	119.3	116.8	119.6	119.6	118.1	119.0	122.7	126.6	121.9	76.6	95.7	107.8	324.1	684.9	11.4
18:38:00	0:03:00	24.6	24.7	30.0	33.4	44.2	118.7	119.7	119.5	116.9	119.8	119.8	118.2	119.4	123.7	126.5	121.8	76.6	94.0	107.8	324.1	684.9	11.4
18:39:00	0:04:00	26.0	26.1	30.0	33.5	44.0	118.9	119.8	119.7	117.1	120.0	120.0	118.4	119.3	123.2	126.6	121.7	76.6	92.4	107.8	324.1	684.8	11.4

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000059

CYCL D: 0000000149

STERILIZER NUMBER: 0C 33693

18:40:00	0:05:00	27.3	27.5	30.0	34.3	45.1	118.9	119.9	119.8	117.1	120.1	120.0	118.4	119.6	124.1	126.5	121.6	76.6	91.0	107.8	324.1	684.9	11.4
18:41:00	0:06:01	28.6	28.7	30.0	34.3	45.1	118.9	119.9	119.8	117.1	120.1	120.1	118.4	119.6	123.7	126.3	121.6	76.7	89.7	107.8	324.1	684.9	11.4

AIR BACKFILL(2) SUMMARY 06/05/2015 21:43:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:41:16	0:06:16	29.1	29.2	30.0	34.4	45.0	119.0	120.1	119.9	117.2	120.2	120.1	118.4	119.0	124.4	126.3	121.6	76.7	89.5	107.8	324.1	684.9	11.4

START PRESS: 0020.5 MAX PRESS: 0029.1 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 684.8 MAX PRE TEMP: 126.8 MAX GAS TEMP: 076.7
END PRESS: 0029.1 MIN PRESS: 0020.5 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.3 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:024.6 MIN VAP TEMP: 121.5

END OF CYCLE 06/05/2015 21:43:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:41:16	0:00:00	29.1	29.2	30.0	34.4	45.0	119.0	120.1	119.9	117.2	120.2	120.1	118.4	119.0	124.4	126.3	121.6	76.7	89.5	107.8	324.1	684.9	11.4

DRUM 1 EMPTY ALARM RESET 06/05/2015 21:43:37

18:41:16	0:00:00	29.1	29.2	30.0	34.4	45.0	119.0	120.1	119.9	117.2	120.2	120.1	118.4	119.0	124.4	126.3	121.6	76.7	89.5	107.8	324.1	684.9	11.4

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000060

Aeration Validation

Set "B"

Sterilization Cycle# CB500300

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500300 Load Number: Dunnage Load

Date Cycle Completed: June 9, 2015 Time Cycle Completed: 05:47

Date Aeration Completed: June 10, 2015 Time Aeration Completed: 06:00

Notes: Chamber B (STE14-030/031), (Set B: 1X), (Set B: 1 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	101.9	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	105	95	115	°F
Room RH Min	42	40	70	%
Room RH Max	56	40	70	%
PCR Elapsed Time	12:05	12:00	96:00	Hrs:Min
Load Time	9	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #1	4	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.6	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	87	38	390	Minutes
Chamber Moisture Min	54.3	18.3	86.3	mg/L
Chamber Moisture Max	65.7	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	*28.1	27.0	28.0	inHgA
EtO Inject Elapsed Time	10	3	60	Minutes
EtO Gas Weight Used	15.1	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.1	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.8	28.5	29.5	inHgA
Chamber Pressure Max	29.1	28.5	29.5	inHgA
Chamber Temperature Min	117.3	95	130	°F
Chamber Temperature Max	119.1	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	314.0	200	480	mg/L
Gas Concentration Max	400.0	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.0	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.0	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.0	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.0	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.0	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.0	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.0	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.0	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.0	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.0	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.0	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.0	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.0	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:00	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	105	95	115	°F
Room Temperature Max	108	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	120.4	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.1 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: [illegible] Date: June 26, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: Nicole Grunert Date: July 1, 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 11:05	DATE: 6/8/15
CB500300	CYCLE LOAD TIME: 11:10	DATE: 6/8/15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: MM

STARTING PCR TEMP: 101.9 STARTING PCR TIME: 23:05 START PCR DATE: 06-07-15

PCR MIN RH: 42 PCR MIN TEMP: 103

PCR MAX RH: 56 PCR MAX TEMP: 105

PALLET PRODUCT LOTS VERIFIED LOAD BY: MM PCR CIRCULATOR RUNNING: MM

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5013960			
STE14-030	6 Pallet	Residuals	(Set B: 1X)	(Set B: 1 of 3X)	

CYCLE START TIME: 11:19 CYCLE START DATE: 6/8/15 ETC RUN #: 150

CYCLE END TIME: 05:47 CYCLE END DATE: 06-09-15 PRIMARY START TIME: 06:00

PRIMARY END TIME: 06:00 PRIMARY END DATE: 06-10-15 MIN TEMP: 105 MAX TEMP: 108

AERATION CIRCULATOR RUNNING: K.S.

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: Gabriel Bonilla Management Review:

COVIDIEN 60 MIDDLETOWN AVE NORTH HAVEN, CT 06473 203-492-5000 [T] 203-492-6398 [F]

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*        COVIDIEN                                   *
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CHAMBER 103369-3

DATE: 06/08/2015
TIME: 11:19:40 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000150

LOAD NUMBER 1: CB500300
LOAD NUMBER 2: 5013960
LOAD NUMBER 3: STE14-030 6 PALLET
LOAD NUMBER 4: RESIDUALS
LOAD NUMBER 5: SETB1X SETB1 OF 3X
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00005016

CYCLE TYPE : EtO
Test Vacuum : Yes
Nitrogen Blanket : Yes
Gas Makeup : N2
Aeration : No

TEMPERATURE UNIT : °F
PRESURE UNIT : ''HgA
WEIGHT UNIT : Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

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PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

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PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

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Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

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Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

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Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

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Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/08/2015 11:19:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.4	30.5	30.0	33.9	56.6	109.9	111.1	110.5	108.1	111.0	110.5	108.7	119.6	126.8	126.7	122.0	78.1	75.5	107.6	324.1	684.9	0.9
	CHAMBER LOW TEMPERATURE WARNING 06/08/2015 11:19:40																						
0:00:00	0:00:00	30.4	30.5	30.0	33.9	56.6	109.9	111.1	110.5	108.1	111.0	110.5	108.7	119.6	126.8	126.7	122.0	78.1	75.5	107.6	324.1	684.9	0.9
	ALARM SILENCED (ravallone) 06/08/2015 11:20:03																						
0:00:23	0:00:23	29.9	30.0	30.0	33.9	56.4	110.0	111.2	110.6	108.4	111.2	110.5	108.8	118.7	125.1	126.7	122.0	78.1	78.4	107.6	324.1	684.9	0.8
0:01:00	0:01:00	29.0	29.1	30.0	34.3	57.3	109.9	111.1	110.4	108.3	111.2	110.4	108.8	119.2	125.8	126.6	122.0	78.1	83.3	107.6	324.1	684.9	0.8
0:02:00	0:02:00	27.6	27.8	30.0	34.3	57.4	109.9	111.1	110.3	108.4	111.2	110.4	109.1	118.9	124.6	126.6	121.8	78.1	87.8	107.6	324.1	684.9	0.9

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0:03:00	0:03:00	26.3	26.4	30.0	34.3	57.2	110.0	111.2	110.4	108.5	111.2	110.4	109.2	118.8	126.0	126.5	121.8	78.1	90.2	107.7	324.1	684.9	0.9
0:04:00	0:04:00	24.9	25.0	30.0	34.4	57.0	110.1	111.3	110.5	108.6	111.3	110.6	109.4	119.3	127.7	126.4	121.7	78.0	91.7	107.7	324.1	684.9	0.9
0:05:01	0:05:01	23.5	23.6	30.0	34.3	56.9	110.2	111.4	110.5	108.8	111.3	110.6	109.4	119.6	127.5	126.4	121.7	78.0	92.9	107.6	324.1	684.9	0.9
0:06:01	0:06:01	22.2	22.3	30.0	33.9	56.1	110.2	111.5	110.5	108.8	111.6	110.6	109.6	119.4	126.5	126.3	121.5	78.0	93.8	107.6	324.1	684.9	0.9
0:07:01	0:07:01	20.8	20.9	30.0	33.5	55.2	110.3	111.6	110.6	108.8	111.6	110.6	109.6	119.2	125.5	126.3	121.5	78.0	94.6	107.6	324.1	684.9	0.9

INITIAL EVACUATION(1) SUMMARY 06/08/2015 11:26:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:15	0:07:15	20.5	20.6	30.0	33.5	55.2	110.3	111.6	110.6	108.8	111.6	110.6	109.6	118.8	125.5	126.2	121.5	78.0	94.8	107.6	324.1	684.9	0.9

START PRESS: 0030.4 MAX PRESS: 0030.4 MAX TEMP: 111.6 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.7 MAX GAS TEMP: 078.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 108.7 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.2 MIN GAS TEMP: 077.9
PRESS CHANGE: 009.9 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

STABILIZATION 06/08/2015 11:26:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:15	0:00:00	20.5	20.6	30.0	33.5	55.2	110.3	111.6	110.6	108.8	111.6	110.6	109.6	118.8	125.5	126.2	121.5	78.0	94.8	107.6	324.1	684.9	0.9
0:08:15	0:01:00	20.5	20.6	30.0	34.4	55.7	111.0	112.2	111.3	109.5	112.3	111.3	110.3	119.2	127.5	126.2	121.4	77.9	93.3	107.6	324.1	684.9	0.9
0:09:15	0:02:00	20.5	20.7	30.0	35.3	56.5	111.4	112.6	111.7	110.0	112.6	111.7	110.9	119.6	127.6	126.0	121.3	77.9	91.4	107.5	324.1	684.9	0.9
0:10:15	0:03:00	20.6	20.7	30.0	36.2	57.5	111.7	112.9	112.0	110.3	113.0	112.1	111.2	119.6	126.8	126.0	121.3	77.9	89.8	107.6	324.1	684.9	0.8
0:11:15	0:04:00	20.6	20.7	30.0	37.1	58.6	112.0	113.2	112.2	110.5	113.2	112.3	111.5	119.3	125.8	125.9	121.2	77.9	88.4	107.5	324.1	684.9	0.9
0:12:15	0:05:01	20.6	20.7	30.0	38.0	59.7	112.2	113.4	112.4	110.7	113.4	112.5	111.7	118.9	124.7	125.9	121.1	77.8	87.0	107.5	324.1	684.9	0.9
0:13:16	0:06:01	20.6	20.7	30.0	38.4	60.1	112.3	113.6	112.6	110.9	113.5	112.6	111.9	118.9	125.6	125.9	121.0	77.7	85.9	107.5	324.1	684.9	0.9
0:14:16	0:07:01	20.6	20.8	30.0	38.9	60.6	112.5	113.7	112.7	111.1	113.7	112.7	112.1	119.3	127.4	125.7	121.0	77.7	84.9	107.5	324.1	684.9	0.8
0:15:16	0:08:01	20.7	20.8	30.0	39.3	61.1	112.6	113.8	112.9	111.2	113.9	113.1	112.3	119.8	127.7	125.7	120.9	77.7	84.0	107.5	324.1	684.9	0.8
0:16:16	0:09:01	20.7	20.8	30.0	39.8	61.5	112.8	114.0	113.0	111.4	114.0	113.1	112.4	119.8	126.9	125.6	120.8	77.6	83.2	107.4	324.1	684.9	0.9

STABILIZATION SUMMARY 06/08/2015 11:36:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:15	0:10:00	20.7	20.8	30.0	40.3	61.9	113.0	114.2	113.2	111.6	114.1	113.2	112.6	119.6	126.2	125.5	120.8	77.6	82.6	107.5	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 114.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.3 MAX GAS TEMP: 078.0
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 109.6 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.5 MIN GAS TEMP: 077.5
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.7

LEAK CHECK 06/08/2015 11:36:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:15	0:00:00	20.7	20.8	30.0	40.3	61.9	113.0	114.2	113.2	111.6	114.1	113.2	112.6	119.6	126.2	125.5	120.8	77.6	82.6	107.5	324.1	684.9	0.9
0:18:15	0:01:00	20.7	20.8	30.0	40.7	62.3	113.1	114.3	113.3	111.8	114.3	113.4	112.8	119.2	125.2	125.4	120.6	77.5	81.8	107.5	324.1	684.9	0.9
0:19:15	0:02:00	20.7	20.8	30.0	41.2	62.9	113.2	114.4	113.4	112.0	114.4	113.6	113.0	118.9	124.7	125.4	120.6	77.5	81.3	107.5	324.1	684.9	0.9
0:20:15	0:03:00	20.7	20.8	30.0	41.6	63.4	113.3	114.5	113.5	112.0	114.6	113.6	113.1	119.2	126.5	125.3	120.5	77.5	80.8	107.4	324.1	684.9	1.1
0:21:15	0:04:00	20.7	20.8	30.0	42.1	63.8	113.5	114.7	113.7	112.2	114.7	113.8	113.2	119.8	127.7	125.2	120.5	77.5	80.3	107.4	324.1	684.9	0.9

LEAK CHECK SUMMARY 06/08/2015 11:41:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:15	0:05:00	20.8	20.9	30.0	42.5	64.3	113.6	114.8	113.8	112.3	114.8	113.9	113.3	119.9	127.7	125.2	120.4	77.4	79.9	107.4	324.1	684.9	0.9

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START PRESS: 0020.7 MAX PRESS: 0020.8 MAX TEMP: 114.8 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.5 MAX GAS TEMP: 077.6
END PRESS: 0020.8 MIN PRESS: 0020.7 MIN TEMP: 112.6 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 125.1 MIN GAS TEMP: 077.4
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.4

INITIAL N2 WASH(1) (Loop:1/5) 06/08/2015 11:41:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:15	0:00:00	20.8	20.9	30.0	42.5	64.3	113.6	114.8	113.8	112.3	114.8	113.9	113.3	119.9	127.7	125.2	120.4	77.4	79.9	107.4	324.1	684.9	0.9
0:23:15	0:01:00	22.0	22.2	30.0	43.9	65.4	114.1	115.3	114.4	112.8	115.3	114.5	113.8	119.9	127.0	125.1	120.3	90.9	79.6	107.4	324.1	684.9	0.8
0:24:15	0:02:00	23.5	23.6	30.0	44.8	66.1	114.5	115.7	114.8	113.2	115.7	114.9	114.2	119.8	126.1	125.1	120.1	103.1	79.4	107.4	324.1	684.9	0.8
0:25:15	0:03:00	24.8	24.9	30.0	44.8	65.7	114.8	115.8	115.0	113.5	115.8	115.2	114.5	119.4	125.1	125.0	120.0	108.3	79.1	107.3	324.1	684.8	0.9
0:26:16	0:04:00	26.2	26.3	30.0	45.3	66.1	114.9	116.0	115.1	113.7	116.0	115.4	114.8	119.2	124.9	124.9	119.8	110.1	78.9	107.3	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/08/2015 11:46:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:14	0:04:59	27.5	27.6	30.0	45.3	65.7	115.1	116.2	115.4	113.8	116.2	115.5	115.0	119.3	126.4	124.8	119.8	110.8	78.7	107.3	324.1	684.9	0.9

START PRESS: 0020.8 MAX PRESS: 0027.5 MAX TEMP: 116.3 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 125.2 MAX GAS TEMP: 110.9
END PRESS: 0027.5 MIN PRESS: 0020.8 MIN TEMP: 113.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.8 MIN GAS TEMP: 077.4
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL EVACUATION(2) (Loop:1/5) 06/08/2015 11:46:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:15	0:00:00	27.5	27.6	30.0	45.3	65.7	115.1	116.2	115.4	113.8	116.2	115.5	115.0	119.3	126.4	124.8	119.8	110.8	78.7	107.3	324.1	684.9	0.9
0:28:15	0:01:00	26.1	26.3	30.0	43.4	64.3	114.4	115.5	114.5	113.2	115.4	114.7	114.1	119.9	127.8	124.8	119.6	108.2	85.4	107.3	324.1	684.9	0.9
0:29:15	0:02:00	24.8	24.9	30.0	41.6	62.4	113.9	115.0	114.1	112.7	114.9	114.1	113.7	120.1	127.8	124.7	119.6	104.7	89.6	107.3	324.1	684.9	0.9
0:30:15	0:03:00	23.4	23.5	30.0	40.3	60.7	113.7	114.8	113.9	112.5	114.7	114.1	113.4	120.1	127.3	124.6	119.5	101.4	91.9	107.3	324.1	684.9	0.9
0:31:15	0:04:00	22.1	22.2	30.0	39.4	59.5	113.6	114.7	113.8	112.4	114.7	113.8	113.3	120.0	126.7	124.5	119.5	98.7	93.4	107.3	324.1	684.9	0.9
0:32:15	0:05:00	20.7	20.8	30.0	38.0	57.6	113.5	114.6	113.7	112.3	114.6	113.8	113.2	119.8	125.9	124.5	119.3	96.2	94.6	107.3	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/08/2015 11:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:24	0:05:09	20.5	20.6	30.0	38.0	57.6	113.5	114.6	113.7	112.3	114.6	113.8	113.2	119.6	124.9	124.5	119.3	95.9	94.8	107.3	324.1	684.9	0.8

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 116.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.9 MAX GAS TEMP: 110.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.5 MIN GAS TEMP: 095.9
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.3

INITIAL N2 WASH(1) (Loop:2/5) 06/08/2015 11:52:03

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:24	0:00:00	20.5	20.6	30.0	38.0	57.6	113.5	114.6	113.7	112.3	114.6	113.8	113.2	119.6	124.9	124.5	119.3	95.9	94.8	107.3	324.1	684.9	0.8
0:33:24	0:01:00	21.8	21.9	30.0	39.3	58.1	114.5	115.6	114.7	113.2	115.5	114.8	114.2	119.3	124.6	124.4	119.3	100.3	93.2	107.3	324.1	684.9	0.9
0:34:24	0:02:00	23.2	23.3	30.0	40.3	58.5	115.1	116.2	115.4	113.8	116.2	115.5	114.9	119.2	125.0	124.3	119.2	106.7	91.4	107.3	324.1	684.9	0.9
0:35:24	0:03:00	24.5	24.7	30.0	40.7	58.7	115.4	116.5	115.6	114.2	116.4	115.8	115.3	119.2	125.4	124.2	119.8	109.3	89.8	107.8	324.1	684.9	0.9
0:36:24	0:04:00	25.9	26.0	30.0	41.2	58.9	115.7	116.7	115.9	114.4	116.6	116.1	115.5	119.3	125.7	124.2	122.4	111.5	88.5	107.6	324.1	684.9	0.9

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0:37:35	0:05:00	27.3	27.4	30.0	41.6	59.3	115.8	116.9	116.0	114.6	116.8	116.3	115.8	119.3	125.9	124.1	122.2	112.8	87.3	107.6	324.1	684.9	0.4

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/08/2015 11:57:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:35	0:05:00	27.5	27.6	30.0	41.6	59.3	115.9	116.9	116.0	114.7	116.9	116.3	115.8	120.0	127.9	124.2	122.2	113.0	87.0	107.6	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 116.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 124.5 MAX GAS TEMP: 113.0
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 113.1 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.1 MIN GAS TEMP: 095.6
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL EVACUATION(2) (Loop:2/5) 06/08/2015 11:57:15

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:35	0:00:00	27.5	27.6	30.0	41.6	59.3	115.9	116.9	116.0	114.7	116.9	116.3	115.8	120.0	127.9	124.2	122.2	113.0	87.0	107.6	324.1	684.9	0.9
0:38:35	0:01:00	26.1	26.3	30.0	39.8	58.0	115.0	116.0	115.2	113.8	116.2	115.4	114.9	120.0	127.8	124.1	122.1	110.4	90.6	107.6	324.1	684.9	0.9
0:39:35	0:02:00	24.8	24.9	30.0	38.4	56.6	114.6	115.6	114.8	113.4	115.6	114.9	114.4	119.9	127.6	128.3	122.1	107.0	93.1	107.7	324.1	684.9	0.8
0:40:35	0:03:00	23.4	23.5	30.0	37.1	55.0	114.3	115.4	114.5	113.2	115.4	114.8	114.2	119.8	127.3	129.3	122.0	103.8	94.6	107.6	324.1	684.9	0.8
0:41:35	0:04:00	22.0	22.2	30.0	36.2	53.7	114.3	115.4	114.5	113.1	115.3	114.5	114.0	120.3	127.9	129.1	121.9	101.1	95.7	107.7	324.1	684.9	0.9
0:42:35	0:05:00	20.7	20.8	30.0	35.3	52.5	114.2	115.3	114.4	113.0	115.3	114.4	113.9	120.3	127.6	129.0	121.8	98.6	96.3	107.6	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/08/2015 12:02:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:42	0:05:08	20.5	20.6	30.0	35.3	52.4	114.2	115.3	114.4	113.0	115.3	114.4	113.9	120.0	126.7	129.0	121.8	98.3	96.5	107.7	324.1	684.9	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 116.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 113.9 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 098.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.8

INITIAL N2 WASH(1) (Loop:3/5) 06/08/2015 12:02:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:42	0:00:00	20.5	20.6	30.0	35.3	52.4	114.2	115.3	114.4	113.0	115.3	114.4	113.9	120.0	126.7	129.0	121.8	98.3	96.5	107.7	324.1	684.9	0.9
0:43:42	0:01:00	21.8	22.0	30.0	36.6	53.2	115.1	116.2	115.4	113.8	116.2	115.5	114.9	120.0	126.3	128.9	121.7	102.4	95.0	107.6	324.1	684.9	0.9
0:44:43	0:02:00	23.2	23.3	30.0	38.0	54.4	115.7	116.7	115.9	114.4	116.7	116.2	115.6	120.0	126.3	129.0	121.6	108.7	93.3	107.6	324.1	684.9	0.9
0:45:43	0:03:00	24.5	24.6	30.0	38.4	54.5	116.0	117.1	116.3	114.7	117.1	116.6	116.0	120.1	126.6	129.0	121.5	111.5	91.6	107.7	324.1	684.9	0.6
0:46:43	0:04:00	25.9	26.0	30.0	38.9	54.9	116.2	117.2	116.4	115.0	117.3	116.7	116.3	120.3	127.1	128.8	121.3	112.5	90.2	107.7	324.1	684.9	0.9
0:47:43	0:05:00	27.3	27.5	30.0	39.3	55.2	116.4	117.4	116.6	115.2	117.4	116.9	116.5	120.4	127.6	128.7	121.2	112.9	88.9	107.7	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/08/2015 12:07:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:05:11	27.5	27.6	30.0	39.3	55.1	116.5	117.4	116.7	115.3	117.4	116.9	116.5	120.1	126.3	128.7	121.2	113.0	88.7	107.6	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.5 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.1 MAX GAS TEMP: 113.0
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 113.9 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.6 MIN GAS TEMP: 098.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL EVACUATION(2) (Loop:3/5) 06/08/2015 12:07:33

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CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:53	0:00:00	27.5	27.6	30.0	39.3	55.1	116.5	117.4	116.7	115.3	117.4	116.9	116.5	120.1	126.3	128.7	121.2	113.0	88.7	107.6	324.1	684.9	0.9
0:48:53	0:01:00	26.2	26.3	30.0	38.0	54.4	115.6	116.6	115.8	114.4	116.6	115.9	115.5	120.3	126.6	128.6	121.0	110.4	91.7	107.6	324.1	684.9	0.9
0:49:53	0:02:00	24.8	24.9	30.0	36.2	52.5	115.2	116.1	115.4	114.1	116.2	115.5	115.0	120.0	126.2	128.6	121.0	107.2	94.1	107.7	324.1	684.9	0.9
0:50:53	0:03:00	23.4	23.5	30.0	35.3	51.4	115.0	116.0	115.2	113.8	115.9	115.4	114.8	120.0	126.1	128.4	121.0	104.2	95.4	107.7	324.1	684.9	0.9
0:51:54	0:04:00	22.0	22.2	30.0	34.8	50.9	114.8	115.8	115.0	113.7	115.8	115.0	114.7	120.1	126.4	128.2	120.9	101.6	96.3	107.7	324.1	684.9	0.9
0:52:54	0:05:00	20.7	20.8	30.0	33.9	49.7	114.7	115.8	114.9	113.6	115.7	115.0	114.6	120.3	126.9	128.2	120.8	99.1	97.0	107.7	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/08/2015 12:12:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:03	0:05:10	20.5	20.6	30.0	33.9	49.7	114.7	115.8	114.9	113.6	115.7	115.0	114.5	119.9	125.8	128.2	120.8	98.9	97.1	107.7	324.1	684.9	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.5 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.7 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.5 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 128.2 MIN GAS TEMP: 098.9
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.8

INITIAL N2 WASH(1) (Loop:4/5) 06/08/2015 12:12:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:53:03	0:00:00	20.5	20.6	30.0	33.9	49.7	114.7	115.8	114.9	113.6	115.7	115.0	114.5	119.9	125.8	128.2	120.8	98.9	97.1	107.7	324.1	684.9	0.9
0:54:03	0:01:00	21.8	21.9	30.0	35.3	50.5	115.7	116.7	115.9	114.4	116.7	116.1	115.6	120.1	125.9	128.1	120.7	102.4	95.7	107.7	324.1	684.9	0.9
0:55:03	0:02:00	23.2	23.3	30.0	36.2	51.0	116.2	117.2	116.5	115.0	117.2	116.7	116.2	119.8	125.5	128.1	120.6	108.3	94.0	107.6	324.1	684.9	0.9
0:56:03	0:03:00	24.5	24.6	30.0	37.1	51.9	116.5	117.4	116.7	115.3	117.5	117.0	116.5	119.6	124.9	128.0	120.4	111.0	92.3	107.6	324.1	684.9	0.8
0:57:03	0:04:00	25.9	26.0	30.0	37.1	51.6	116.7	117.7	116.9	115.5	117.7	117.2	116.8	119.6	124.8	127.9	120.3	111.9	90.9	107.6	324.1	684.9	0.8
0:58:04	0:05:00	27.3	27.4	30.0	38.0	52.6	116.9	117.8	117.1	115.8	117.9	117.4	117.0	119.8	124.6	127.9	120.2	112.2	89.6	107.6	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/08/2015 12:17:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:12	0:05:09	27.5	27.6	30.0	38.0	52.6	116.9	117.8	117.1	115.8	117.9	117.4	117.0	119.0	123.1	127.9	120.2	112.2	89.5	107.6	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 128.2 MAX GAS TEMP: 112.3
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.5 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.9 MIN GAS TEMP: 098.5
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.1

INITIAL EVACUATION(2) (Loop:4/5) 06/08/2015 12:17:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:12	0:00:00	27.5	27.6	30.0	38.0	52.6	116.9	117.8	117.1	115.8	117.9	117.4	117.0	119.0	123.1	127.9	120.2	112.2	89.5	107.6	324.1	684.9	0.9
0:59:12	0:01:00	26.2	26.3	30.0	36.2	51.3	116.0	116.9	116.2	114.9	117.0	116.4	116.0	119.2	124.1	127.8	120.1	110.1	92.4	107.6	324.1	684.9	0.9
1:00:13	0:02:00	24.8	24.9	30.0	35.3	50.6	115.5	116.5	115.7	114.4	116.6	115.9	115.5	119.2	124.1	127.7	119.8	106.9	94.7	107.6	324.1	684.9	0.8
1:01:13	0:03:00	23.4	23.5	30.0	34.3	49.6	115.3	116.3	115.5	114.3	116.3	115.7	115.3	119.0	123.8	127.6	119.8	104.1	96.0	107.6	324.1	684.9	0.8
1:02:13	0:04:00	22.1	22.2	30.0	33.4	48.4	115.2	116.2	115.4	114.1	116.2	115.5	115.1	119.2	124.4	127.5	119.8	101.6	96.9	107.7	324.1	684.9	0.8
1:03:13	0:05:00	20.7	20.8	30.0	33.0	47.9	115.1	116.1	115.3	114.1	116.2	115.4	115.0	119.2	124.2	127.5	119.8	99.4	97.6	107.6	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/08/2015 12:23:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:22	0:05:09	20.5	20.6	30.0	32.5	47.3	115.1	116.1	115.3	114.0	116.2	115.4	115.0	119.4	126.4	127.5	119.8	99.0	97.7	107.6	324.1	684.9	0.9

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START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.9 MAX GAS TEMP: 112.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.0 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.4 MIN GAS TEMP: 099.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.8

INITIAL N2 WASH(1) (Loop:5/5) 06/08/2015 12:23:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:22	0:00:00	20.5	20.6	30.0	32.5	47.3	115.1	116.1	115.3	114.0	116.2	115.4	115.0	119.4	126.4	127.5	119.8	99.0	97.7	107.6	324.1	684.9	0.9
1:04:22	0:01:00	21.8	21.9	30.0	33.9	48.1	116.0	116.9	116.2	114.8	117.0	116.4	116.0	119.3	126.2	127.5	119.7	102.4	96.3	107.7	324.1	684.9	0.9
1:05:22	0:02:00	23.2	23.3	30.0	35.3	49.3	116.5	117.4	116.8	115.4	117.6	117.1	116.6	119.9	127.6	127.3	119.6	108.0	94.7	107.6	324.1	684.9	0.9
1:06:22	0:03:00	24.5	24.6	30.0	35.7	49.5	116.9	117.8	117.1	115.7	117.9	117.4	116.9	119.9	127.6	127.2	119.3	110.5	93.2	107.7	324.1	684.9	0.9
1:07:22	0:04:00	25.9	26.0	30.0	36.2	49.9	117.1	118.0	117.3	115.9	118.1	117.6	117.2	119.6	127.1	127.1	119.3	111.4	91.7	107.6	324.1	684.9	0.9
1:08:22	0:05:00	27.3	27.4	30.0	36.6	50.3	117.2	118.1	117.4	116.1	118.2	117.7	117.4	120.0	127.8	127.1	119.2	111.8	90.5	107.7	324.1	684.9	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/08/2015 12:28:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:31	0:05:09	27.5	27.6	30.0	36.6	50.3	117.2	118.1	117.5	116.2	118.2	117.8	117.4	120.3	127.7	127.0	119.2	111.7	90.3	107.7	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.5 MAX GAS TEMP: 111.8
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.9 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.0 MIN GAS TEMP: 098.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.1

INITIAL EVACUATION(2) (Loop:5/5) 06/08/2015 12:28:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:31	0:00:00	27.5	27.6	30.0	36.6	50.3	117.2	118.1	117.5	116.2	118.2	117.8	117.4	120.3	127.7	127.0	119.2	111.7	90.3	107.7	324.1	684.9	0.9
1:09:31	0:01:00	26.2	26.3	30.0	35.3	49.5	116.4	117.3	116.6	115.4	117.3	116.8	116.5	120.5	128.1	126.9	119.1	109.6	93.2	107.7	324.1	684.9	0.8
1:10:31	0:02:00	24.8	24.9	30.0	33.9	48.1	116.0	116.9	116.1	114.9	116.8	116.3	115.9	120.3	127.8	126.9	122.5	106.7	95.4	108.6	324.1	684.9	0.8
1:11:31	0:03:00	23.4	23.5	30.0	33.5	47.8	115.7	116.6	115.9	114.6	116.6	116.1	115.6	120.4	127.8	126.8	122.4	104.0	96.7	108.1	324.1	684.9	0.8
1:12:31	0:04:00	22.1	22.2	30.0	32.5	46.7	115.5	116.5	115.7	114.4	116.5	115.9	115.5	120.5	128.1	126.7	122.4	101.6	97.5	108.1	324.1	684.9	0.9
1:13:31	0:05:00	20.7	20.8	30.0	32.5	46.8	115.4	116.4	115.6	114.4	116.4	115.8	115.4	120.3	127.8	126.7	122.3	99.4	98.3	108.2	324.1	684.9	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/08/2015 12:33:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:38	0:05:08	20.5	20.6	30.0	32.1	46.2	115.4	116.4	115.6	114.4	116.4	115.8	115.3	120.3	127.1	126.6	122.3	99.2	98.3	108.1	324.1	684.9	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.0 MAX GAS TEMP: 111.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.6 MIN GAS TEMP: 099.2
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

HUMIDIFICATION(1) 06/08/2015 12:33:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:39	0:00:00	20.5	20.6	30.0	32.1	46.2	115.4	116.4	115.6	114.4	116.4	115.8	115.3	120.3	127.1	126.6	122.3	99.2	98.3	108.1	324.1	684.9	0.9
1:14:39	0:01:00	20.7	20.8	30.0	33.4	47.5	115.9	116.8	116.1	114.9	116.9	116.4	116.2	119.8	126.1	126.7	122.3	97.3	96.9	108.2	324.1	684.9	0.9
1:15:39	0:02:00	20.9	21.0	30.0	39.8	56.1	116.3	116.9	116.5	115.4	116.9	116.9	116.6	119.9	126.2	126.6	122.2	95.6	95.2	108.2	324.1	684.9	0.9

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1:16:39	0:03:00	21.0	21.1	30.0	47.1	65.7	116.6	117.2	116.9	115.8	117.1	117.1	117.0	119.9	126.1	126.5	122.1	94.1	93.7	108.2	324.1	684.9	0.9
1:17:39	0:04:00	21.2	21.3	30.0	54.2	75.3	116.8	117.3	117.1	116.0	117.3	117.4	117.3	119.9	126.1	126.4	122.0	92.8	92.2	108.2	324.1	684.9	0.9

HUMIDIFICATION(1) SUMMARY 06/08/2015 12:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:41	0:04:02	21.2	21.3	30.0	54.3	75.5	116.8	117.3	117.1	116.0	117.3	117.4	117.2	119.9	126.0	126.4	122.0	92.8	92.1	108.2	324.1	684.9	0.9

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 117.4 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 126.7 MAX GAS TEMP: 099.2
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 115.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 126.4 MIN GAS TEMP: 092.8
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.0

HUMIDIFICATION DWELL(1) 06/08/2015 12:37:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:41	0:00:00	21.2	21.3	30.0	54.3	75.5	116.8	117.3	117.1	116.0	117.3	117.4	117.2	119.9	126.0	126.4	122.0	92.8	92.1	108.2	324.1	684.9	0.9
1:19:41	0:02:00	21.3	21.4	30.0	64.4	88.7	117.1	117.6	117.5	116.2	117.6	117.9	117.6	118.4	121.1	126.3	132.4	90.5	89.8	109.7	324.1	684.9	0.9
1:21:41	0:04:00	21.3	21.4	30.0	65.7	90.6	117.1	117.6	117.5	116.2	117.6	117.8	117.5	118.7	121.8	126.1	132.1	88.7	87.9	109.5	324.1	684.9	0.9
1:23:41	0:06:00	21.2	21.3	30.0	65.7	90.7	117.0	117.6	117.5	116.1	117.7	117.8	117.4	118.6	122.0	126.0	132.1	87.3	86.4	109.7	324.1	684.9	0.9
1:25:41	0:08:00	21.2	21.3	30.0	64.8	89.3	117.1	117.7	117.5	116.1	117.7	117.8	117.4	118.4	122.0	125.9	131.8	86.2	85.2	109.7	324.1	684.9	0.8
1:27:41	0:10:00	21.2	21.3	30.0	63.9	88.1	117.1	117.7	117.5	116.1	117.7	117.8	117.4	118.4	121.9	125.7	131.6	85.3	84.2	109.8	324.1	684.9	0.9
1:29:41	0:12:01	21.2	21.3	30.0	63.0	86.8	117.1	117.7	117.5	116.1	117.8	117.8	117.4	118.3	121.2	125.6	131.4	84.4	83.5	109.9	324.1	684.9	0.9
1:31:41	0:14:01	21.2	21.3	30.0	62.1	85.7	117.0	117.7	117.4	116.0	117.7	117.8	117.3	118.2	120.9	125.5	131.2	83.8	82.9	110.1	324.1	684.9	0.8
1:33:41	0:16:01	21.2	21.3	30.0	61.6	84.9	117.1	117.7	117.5	116.1	117.8	117.8	117.4	118.0	120.5	125.3	131.1	83.2	82.3	110.0	324.1	684.9	0.9
1:35:42	0:18:01	21.2	21.3	30.0	61.2	84.5	117.0	117.7	117.4	116.0	117.8	117.8	117.4	118.1	122.6	125.3	130.8	82.8	81.8	110.1	324.1	684.9	0.9
1:37:42	0:20:01	21.2	21.3	30.0	60.7	83.7	117.1	117.8	117.5	116.0	117.8	117.8	117.3	118.9	125.9	125.1	130.6	82.3	81.3	110.1	324.1	684.9	0.8
1:39:42	0:22:01	21.2	21.3	30.0	60.3	83.0	117.1	117.8	117.5	116.1	117.8	117.8	117.4	119.8	127.2	125.1	130.5	82.1	81.0	110.2	324.1	684.9	0.9
1:41:42	0:24:01	21.2	21.3	30.0	59.8	82.2	117.2	117.8	117.6	116.1	117.9	117.8	117.4	119.8	126.8	124.8	130.3	81.7	80.7	110.3	324.1	684.8	0.8
1:43:42	0:26:01	21.1	21.3	30.0	59.8	82.2	117.2	117.8	117.6	116.1	117.9	117.8	117.4	119.6	126.0	124.7	130.1	81.4	80.4	110.3	324.1	684.9	0.6
1:45:42	0:28:01	21.1	21.3	30.0	59.3	81.6	117.2	117.8	117.6	116.1	117.9	117.8	117.4	119.3	124.9	124.5	129.9	81.1	80.1	110.2	324.1	684.9	0.8
1:47:42	0:30:02	21.1	21.2	30.0	58.9	80.8	117.3	118.0	117.6	116.2	117.9	117.8	117.4	119.0	123.9	124.3	129.7	80.8	79.8	110.2	324.1	684.9	0.9
1:49:42	0:32:02	21.1	21.2	30.0	58.9	81.0	117.1	117.8	117.5	116.1	117.9	117.8	117.4	118.8	123.1	124.3	129.5	80.6	79.6	110.2	324.1	684.9	0.9
1:51:42	0:34:02	21.1	21.2	30.0	58.4	80.4	117.1	117.8	117.5	116.1	117.9	117.8	117.4	118.4	122.2	124.1	129.3	80.4	79.4	110.2	324.1	684.9	0.8
1:53:43	0:36:02	21.1	21.2	30.0	58.0	79.6	117.2	118.0	117.6	116.1	118.0	117.8	117.4	118.2	121.1	129.0	129.1	80.2	79.2	110.2	324.1	684.9	0.9
1:55:43	0:38:02	21.1	21.2	30.0	58.0	79.8	117.1	117.8	117.5	116.1	117.9	117.8	117.4	118.0	120.6	128.6	128.9	80.0	79.1	110.1	324.1	684.9	0.8
1:57:43	0:40:02	21.1	21.2	30.0	58.0	79.6	117.3	118.0	117.6	116.2	117.9	117.8	117.3	118.1	122.5	128.5	132.1	79.9	79.0	110.6	324.1	684.9	0.9
1:59:43	0:42:02	21.1	21.2	30.0	57.5	79.0	117.2	118.0	117.6	116.1	118.0	117.9	117.4	118.9	125.7	128.5	131.9	79.7	78.9	110.6	324.1	684.9	0.6
2:01:43	0:44:02	21.1	21.3	30.0	57.5	78.9	117.3	118.0	117.6	116.2	118.0	117.9	117.5	119.6	126.9	128.4	131.8	79.7	78.8	110.6	324.1	684.9	0.8
2:03:43	0:46:02	21.1	21.3	30.0	57.5	78.9	117.3	118.1	117.6	116.2	118.0	117.9	117.4	119.8	126.9	128.2	131.6	79.5	78.8	110.6	324.1	684.9	0.9
2:05:43	0:48:03	21.1	21.3	30.0	57.5	78.9	117.3	118.1	117.6	116.2	118.1	117.9	117.5	119.6	126.0	128.1	131.4	79.4	78.7	110.6	324.1	684.9	0.9
2:07:43	0:50:03	21.1	21.3	30.0	57.1	78.1	117.3	118.1	117.7	116.3	118.1	117.9	117.5	119.3	124.9	127.8	131.2	79.3	78.7	110.5	324.1	684.9	0.9
2:09:43	0:52:03	21.1	21.3	30.0	57.1	78.2	117.3	118.1	117.7	116.2	118.1	117.9	117.5	118.9	123.4	127.8	131.1	79.3	78.7	110.6	324.1	684.9	0.9
2:11:44	0:54:03	21.2	21.3	30.0	57.1	78.1	117.3	118.1	117.7	116.3	118.1	118.0	117.5	118.6	122.5	127.6	130.8	79.2	78.7	110.6	324.1	684.9	0.8
2:13:44	0:56:03	21.1	21.3	30.0	56.6	77.6	117.3	118.1	117.7	116.2	118.1	118.0	117.5	118.4	121.8	127.4	130.7	79.2	78.7	110.6	324.1	684.9	0.9
2:15:44	0:58:03	21.2	21.3	30.0	56.6	77.5	117.3	118.1	117.7	116.3	118.2	118.0	117.6	118.3	121.3	127.3	130.4	79.1	78.8	110.6	324.1	684.9	0.8

HUMIDIFICATION DWELL(1) SUMMARY 06/08/2015 13:37:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:41	1:00:00	21.2	21.3	30.0	56.6	77.4	117.4	118.2	117.8	116.3	118.2	118.1	117.6	118.2	121.1	127.1	130.3	79.1	78.8	110.5	324.1	684.9	0.9

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 129.4 MAX GAS TEMP: 092.8
END PRESS: 0021.2 MIN PRESS: 0021.1 MIN TEMP: 117.2 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 124.0 MIN GAS TEMP: 079.1
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.4

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000079

EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.0

INITIAL EVACUATION(3) 06/08/2015 13:37:21

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:41	0:00:00	21.2	21.3	30.0	56.6	77.4	117.4	118.2	117.8	116.3	118.2	118.1	117.6	118.2	121.1	127.1	130.3	79.1	78.8	110.5	324.1	684.9	0.9

INITIAL EVACUATION(3) SUMMARY 06/08/2015 13:37:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:31	20.5	20.6	30.0	55.7	76.7	117.1	117.8	117.5	116.0	117.9	117.7	117.3	119.8	128.0	127.1	130.2	79.1	83.9	110.6	324.1	684.9	0.8

START PRESS: 0021.2 MAX PRESS: 0021.2 MAX TEMP: 118.2 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.1 MAX GAS TEMP: 079.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 684.9 MIN PRE TEMP: 127.1 MIN GAS TEMP: 079.0
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.2

STERILANT INJECTION(1) 06/08/2015 13:37:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:12	0:00:00	20.5	20.6	30.0	55.7	76.7	117.1	117.8	117.5	116.0	117.9	117.7	117.3	119.8	128.0	127.1	130.2	79.1	83.9	110.6	324.1	684.9	0.8
CHAMBER LOW TEMPERATURE WARNING RESET 06/08/2015 13:37:51																							
2:18:12	0:00:00	20.5	20.6	30.0	55.7	76.7	117.1	117.8	117.5	116.0	117.9	117.7	117.3	119.8	128.0	127.1	130.2	79.1	83.9	110.6	324.1	684.9	0.8
2:19:12	0:01:00	21.3	21.4	30.0	56.6	78.8	116.7	117.4	117.2	115.5	117.4	117.5	116.7	118.8	122.8	126.9	129.6	120.4	83.3	110.6	324.1	682.6	6.9
2:20:12	0:02:00	22.0	22.0	30.0	58.4	82.6	116.1	116.8	116.6	115.0	116.8	117.0	116.2	118.8	122.9	126.9	129.2	118.3	82.6	110.5	324.1	682.6	49.0
2:21:12	0:03:00	22.5	22.6	30.0	59.8	85.0	115.9	116.3	116.6	114.9	116.6	117.0	116.1	118.8	122.8	126.8	130.8	117.5	82.2	112.2	324.1	682.6	98.7
2:22:12	0:04:00	23.2	23.3	30.0	61.6	87.5	115.9	116.4	116.6	114.8	116.6	116.9	116.0	118.8	122.9	126.6	131.8	114.3	81.8	111.0	324.1	682.6	155.8
2:23:12	0:05:00	24.0	24.1	30.0	62.5	88.1	116.2	116.8	116.8	115.1	116.7	117.0	116.2	118.8	122.9	126.4	130.8	113.3	81.4	110.9	324.1	681.7	208.6
2:24:12	0:06:01	24.5	24.6	30.0	63.9	90.3	116.1	116.7	116.7	115.0	116.7	117.0	116.1	118.8	122.9	126.2	130.1	116.0	81.1	110.8	324.1	679.7	265.8
2:25:12	0:07:01	25.2	25.3	30.0	65.7	92.3	116.3	116.9	116.9	115.2	117.0	117.2	116.4	118.8	122.9	126.1	129.1	116.6	81.0	110.8	324.1	677.3	318.6
2:26:12	0:08:01	25.9	26.0	30.0	67.1	93.7	116.6	117.2	117.0	115.5	117.2	117.4	116.7	118.8	122.9	125.9	131.9	116.5	80.8	112.0	324.0	675.3	372.5
2:27:13	0:09:01	26.6	26.7	30.0	68.9	95.6	116.8	117.4	117.3	115.7	117.4	117.6	116.8	118.9	123.0	125.7	130.8	117.6	80.7	111.0	324.1	674.0	427.1
2:28:13	0:10:01	27.4	27.5	30.0	70.7	97.9	116.9	117.4	117.4	115.8	117.6	117.7	117.0	118.9	123.0	125.5	129.7	117.4	80.6	111.0	324.1	671.7	479.9

STERILANT INJECTION(1) SUMMARY 06/08/2015 13:48:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:09	0:10:59	28.0	28.1	30.0	72.5	100.0	117.0	117.7	117.5	116.0	117.7	117.8	117.2	118.9	123.3	125.3	128.7	114.2	80.4	110.9	324.1	669.8	529.7

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 117.9 DRM1 START: 324.1 DRM2 START: 684.9 MAX PRE TEMP: 127.1 MAX GAS TEMP: 123.2
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 115.9 DRM1 END: 324.1 DRM2 END: 669.8 MIN PRE TEMP: 125.3 MIN GAS TEMP: 111.2
PRESS CHANGE: 007.5 ETO USED 1: 000.0 ETO USED 2: 015.1 MAX VAP TEMP: 132.1
EO USED PHASE: 015.1 EO USED CYCLE:015.1 MIN VAP TEMP: 128.7

N2 BLANKET(1) 06/08/2015 13:48:49

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:09	0:00:00	28.0	28.1	30.0	72.5	100.0	117.0	117.7	117.5	116.0	117.7	117.8	117.2	118.9	123.3	125.3	128.7	114.2	80.4	110.9	324.1	669.8	529.7
2:30:09	0:01:00	28.6	28.8	30.0	74.3	100.0	117.2	117.8	117.6	116.2	117.8	117.9	117.4	118.3	123.4	125.1	132.4	113.4	80.4	111.7	324.0	669.7	577.9

N2 BLANKET(1) SUMMARY 06/08/2015 13:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000080

2:30:49	0:01:00	29.0	29.1	30.0	75.7	100.0	117.3	117.8	117.7	116.3	118.0	118.0	117.5	119.8	125.9	124.9	132.1	114.9	80.3	111.4	324.1	669.7	594.6

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.0 DRM1 START: 324.1 DRM2 START: 669.8 MAX PRE TEMP: 125.3 MAX GAS TEMP: 114.9
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.1 DRM1 END: 324.1 DRM2 END: 669.7 MIN PRE TEMP: 124.9 MIN GAS TEMP: 112.5
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 132.4
EO USED PHASE: 000.1 EO USED CYCLE:015.1 MIN VAP TEMP: 128.7

EXPOSURE(1) 06/08/2015 13:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:49	0:00:00	29.0	29.1	30.0	75.7	100.0	117.3	117.8	117.7	116.3	118.0	118.0	117.5	119.8	125.9	124.9	132.1	114.9	80.3	111.4	324.1	669.7	594.6
2:31:49	0:01:00	29.0	29.1	30.0	74.3	100.0	117.2	117.8	117.6	116.2	117.9	117.9	117.4	118.1	120.8	124.7	132.1	113.5	80.2	111.3	324.0	669.7	596.1
2:32:49	0:02:00	29.0	29.0	30.0	74.3	100.0	117.2	117.8	117.6	116.3	117.9	117.9	117.4	119.8	126.4	124.5	132.1	111.0	80.1	111.4	324.0	669.7	588.5
2:33:49	0:03:00	28.9	29.0	30.0	73.9	100.0	117.2	117.8	117.6	116.3	117.9	117.9	117.4	118.2	121.0	124.3	131.9	108.7	80.0	111.3	324.0	669.8	580.9
2:34:50	0:04:00	28.9	29.0	30.0	73.4	100.0	117.3	118.0	117.7	116.4	118.0	117.9	117.5	119.8	126.0	124.1	131.9	106.6	79.9	111.3	324.1	669.7	573.4
2:35:50	0:05:00	28.8	29.0	30.0	73.9	100.0	117.3	118.0	117.7	116.4	118.0	118.0	117.5	118.1	120.9	127.7	131.9	104.6	79.9	111.4	324.0	669.7	564.4
2:36:50	0:06:01	28.8	28.9	29.9	73.9	100.0	117.3	118.0	117.7	116.4	118.1	118.0	117.6	119.8	126.1	129.0	131.6	102.7	79.8	111.4	324.0	669.8	556.8
2:37:50	0:07:01	28.8	28.9	29.9	74.3	100.0	117.4	118.1	117.8	116.5	118.1	118.1	117.6	118.1	120.8	128.6	131.6	100.9	79.7	111.5	324.1	669.7	549.3
2:38:50	0:08:01	28.8	28.9	29.9	74.3	100.0	117.4	118.1	117.8	116.5	118.2	118.1	117.7	119.8	125.9	128.3	131.6	99.4	79.7	111.5	324.0	669.7	543.2
2:39:50	0:09:01	28.7	28.8	29.9	74.3	100.0	117.5	118.1	117.8	116.6	118.2	118.1	117.7	118.2	120.8	128.2	131.4	98.0	79.7	111.5	324.1	669.7	535.7
2:40:50	0:10:01	28.7	28.8	30.0	74.3	100.0	117.5	118.2	117.8	116.6	118.2	118.1	117.7	119.8	126.1	128.0	131.4	96.7	79.6	111.5	324.0	669.7	529.7
BEGIN GAS ADDITION (1) (ravallone) 06/08/2015 14:00:41																							
2:41:01	0:10:12	28.7	28.9	29.9	74.3	100.0	117.5	118.1	117.8	116.6	118.2	118.1	117.7	119.4	124.9	128.0	131.4	96.6	79.6	111.5	324.0	669.7	528.1
END GAS ADDITION (1) (ravallone) 06/08/2015 14:00:53																							
2:41:14	0:10:25	29.0	29.1	29.9	74.3	100.0	117.5	118.2	117.9	116.6	118.3	118.2	117.8	118.9	123.5	127.9	131.4	96.6	79.6	111.5	324.0	669.7	528.2
2:41:50	0:11:01	29.0	29.1	30.0	75.7	100.0	117.6	118.3	117.9	116.7	118.3	118.2	117.8	118.2	120.9	127.8	131.2	98.0	79.6	111.5	324.0	669.7	528.2
2:42:50	0:12:01	29.0	29.1	29.9	74.8	100.0	117.5	118.2	117.8	116.6	118.3	118.2	117.8	119.8	126.1	127.6	131.1	96.8	79.5	111.5	324.0	669.7	520.6
2:43:51	0:13:01	29.0	29.1	29.9	74.8	100.0	117.5	118.2	117.9	116.6	118.3	118.2	117.8	118.1	120.8	127.5	130.9	95.6	79.5	111.5	324.0	669.7	513.1
2:44:51	0:14:01	29.0	29.0	29.9	74.8	100.0	117.6	118.3	118.0	116.7	118.3	118.2	117.8	119.8	126.1	127.4	130.9	94.6	79.5	111.6	324.1	669.7	507.0
2:45:51	0:15:01	28.9	29.0	29.9	74.3	100.0	117.6	118.3	118.0	116.7	118.3	118.3	117.9	118.1	120.8	127.3	130.8	93.6	79.4	111.5	324.0	669.7	501.0
2:46:51	0:16:01	28.9	29.0	29.9	74.8	100.0	117.6	118.3	117.9	116.7	118.3	118.2	117.8	119.8	126.3	127.2	130.7	92.7	79.4	111.5	324.0	669.7	494.9
2:47:51	0:17:01	28.9	29.0	29.9	74.8	100.0	117.6	118.3	117.9	116.8	118.4	118.3	117.9	118.2	120.9	127.1	130.6	91.8	79.4	111.6	324.1	669.7	491.9
2:48:51	0:18:01	28.9	29.0	29.9	74.8	100.0	117.7	118.3	118.0	116.8	118.3	118.3	117.9	119.8	125.9	127.0	130.5	91.1	79.4	111.5	324.0	669.7	487.4
2:49:51	0:19:01	28.9	29.0	29.9	74.8	100.0	117.7	118.3	118.0	116.8	118.4	118.4	118.0	118.1	120.8	126.9	130.5	90.4	79.4	111.6	324.0	669.7	482.8
2:50:51	0:20:01	28.8	28.9	29.9	74.8	100.0	117.7	118.3	118.1	116.8	118.4	118.4	118.0	119.8	126.2	126.8	130.4	89.7	79.4	111.6	324.1	669.7	481.4
2:51:51	0:21:01	28.8	28.9	29.9	74.8	100.0	117.7	118.3	118.1	116.8	118.4	118.4	118.0	118.2	120.9	126.7	130.2	89.1	79.4	111.6	324.1	669.7	476.9
2:52:52	0:22:02	28.8	28.9	29.9	74.8	100.0	117.7	118.3	118.0	116.8	118.5	118.4	118.0	119.9	126.3	126.5	130.2	88.7	79.4	111.6	324.1	669.7	472.4
2:53:52	0:23:02	28.8	28.9	29.9	74.8	100.0	117.8	118.3	118.1	116.9	118.5	118.4	118.0	118.2	121.0	126.4	130.1	88.1	79.4	111.5	324.1	669.7	470.8
2:54:52	0:24:03	28.8	28.9	29.9	74.8	100.0	117.8	118.5	118.1	116.9	118.5	118.4	118.1	120.0	126.9	126.4	130.0	87.6	79.4	111.6	324.1	669.7	467.8
2:55:52	0:25:03	28.8	28.9	29.9	74.8	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.0	118.3	121.2	126.3	129.9	87.1	79.5	111.6	324.0	669.7	463.3
2:56:52	0:26:03	28.8	28.9	29.9	74.8	100.0	117.8	118.3	118.1	116.9	118.5	118.4	118.1	120.0	127.1	126.2	129.9	86.7	79.4	111.6	324.1	669.8	460.3
2:57:52	0:27:03	28.7	28.8	29.9	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.1	118.3	121.4	126.1	129.8	86.4	79.5	111.6	324.1	669.7	458.7
2:58:52	0:28:03	28.7	28.8	29.9	74.8	100.0	117.8	118.5	118.2	116.9	118.5	118.4	118.1	120.1	127.5	126.0	129.7	86.0	79.4	111.5	324.0	669.7	455.8
2:59:52	0:29:03	28.7	28.8	29.9	74.8	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.4	121.6	126.0	129.6	85.8	79.5	111.6	324.1	669.7	452.8
BEGIN GAS ADDITION (2) (ravallone) 06/08/2015 14:20:18																							
3:00:38	0:29:49	28.7	28.8	29.9	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.1	119.2	126.4	125.8	129.6	85.6	79.4	111.5	324.0	669.7	451.3
END GAS ADDITION (2) (ravallone) 06/08/2015 14:20:30																							
3:00:51	0:30:02	29.0	29.1	29.9	74.8	100.0	117.9	118.5	118.2	117.0	118.6	118.6	118.2	120.0	127.7	125.8	129.5	86.0	79.5	111.6	324.1	669.7	451.2
3:00:52	0:30:03	29.0	29.1	29.9	74.8	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	120.1	127.7	125.8	129.5	86.3	79.5	111.6	324.1	669.7	451.2
3:01:53	0:31:03	29.0	29.1	29.9	75.7	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.4	121.8	125.9	129.4	89.3	79.6	111.6	324.1	669.7	451.2
3:02:53	0:32:04	29.0	29.1	29.9	74.8	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	117.6	120.4	125.7	129.3	88.5	79.6	111.5	324.0	669.7	448.1
3:03:53	0:33:04	29.0	29.1	29.9	74.3	100.0	117.9	118.6	118.3	117.0	118.6	118.6	118.2	119.3	124.5	125.6	129.2	87.9	79.6	111.5	324.0	669.7	443.7
3:04:53	0:34:04	29.0	29.1	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.2	118.0	120.2	125.5	129.2	87.3	79.7	111.5	324.1	669.7	442.2
3:05:53	0:35:04	29.0	29.1	29.9	74.3	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.2	119.9	126.5	125.4	129.0	86.7	79.8	111.6	324.0	669.7	439.1
3:06:53	0:36:04	29.0	29.0	29.9	74.3	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	118.2	121.0	125.3	129.0	86.3	79.7	111.5	324.1	669.7	434.6
3:07:53	0:37:04	29.0	29.0	29.9	74.3	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	120.1	127.8	125.1	132.1	85.8	79.7	112.4	324.1	669.7	434.6

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000081

3:08:53	0:38:04	29.0	29.0	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.2	118.4	121.8	125.0	132.1	85.4	79.7	111.9	324.1	669.7	431.6
3:09:53	0:39:04	28.9	29.0	29.9	74.3	100.0	117.9	118.6	118.2	117.0	118.6	118.6	118.2	117.6	119.1	125.0	132.1	85.1	79.8	111.9	324.0	669.7	430.1
3:10:54	0:40:04	28.9	29.0	29.9	74.3	100.0	117.9	118.6	118.3	117.0	118.6	118.5	118.2	120.1	127.2	124.9	131.9	84.8	79.8	111.9	324.0	669.7	427.1
3:11:54	0:41:05	28.9	29.0	29.9	74.3	100.0	117.9	118.6	118.2	117.0	118.6	118.5	118.2	118.2	121.2	124.8	131.9	84.4	79.8	111.9	324.0	669.7	427.1
3:12:54	0:42:05	28.9	29.0	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.2	118.9	125.5	124.7	131.8	84.2	79.9	111.9	324.1	669.7	424.1
3:13:54	0:43:05	28.9	29.0	29.9	74.3	99.9	118.0	118.7	118.3	117.1	118.7	118.6	118.3	120.6	128.4	124.6	131.8	83.9	79.9	112.0	324.1	669.7	422.5
3:14:54	0:44:05	28.9	29.0	29.9	74.3	99.8	118.1	118.7	118.4	117.2	118.8	118.7	118.3	117.7	119.4	124.5	131.6	83.8	79.9	111.9	324.1	669.7	421.0
3:15:54	0:45:05	28.9	29.0	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.6	118.2	115.3	113.0	124.5	131.6	83.4	79.9	111.9	324.0	669.7	419.6
3:16:54	0:46:05	28.9	29.0	29.9	74.3	100.0	117.8	118.3	118.1	116.9	118.5	118.5	118.1	119.0	127.6	124.3	131.4	83.4	80.0	111.9	324.0	669.7	419.5
3:17:54	0:47:05	28.9	29.0	29.9	74.3	100.0	117.8	118.3	118.1	116.9	118.5	118.5	118.1	117.8	121.8	124.3	131.4	83.2	80.0	111.9	324.0	669.7	416.5
3:18:55	0:48:05	28.9	29.0	29.9	74.3	100.0	117.9	118.5	118.2	117.0	118.5	118.5	118.2	119.3	125.8	124.2	131.2	83.0	80.0	112.0	324.1	669.7	414.9
3:19:55	0:49:06	28.9	28.9	29.9	73.8	99.7	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.4	124.6	126.8	131.1	82.8	80.0	111.9	324.0	669.7	413.5
3:20:55	0:50:06	28.9	28.9	29.9	74.3	100.0	117.9	118.5	118.2	117.0	118.6	118.5	118.2	118.8	123.4	129.0	131.1	82.7	80.0	111.9	324.1	669.7	412.0
3:21:55	0:51:06	28.8	28.9	29.9	74.3	100.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.3	123.7	128.6	130.9	82.6	80.1	111.9	324.1	669.7	412.0
3:22:55	0:52:06	28.8	28.9	29.9	74.3	100.0	117.9	118.6	118.2	117.1	118.6	118.5	118.2	119.6	125.2	128.5	130.8	82.5	80.1	111.9	324.1	669.7	410.5
3:23:55	0:53:06	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.1	120.5	128.6	130.8	82.3	80.2	112.0	324.0	669.7	409.0
3:24:55	0:54:06	28.8	28.9	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.2	117.4	118.6	128.4	130.7	82.3	80.2	112.0	324.0	669.7	407.4
3:25:55	0:55:06	28.8	28.9	29.9	73.8	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	120.0	127.2	128.4	130.6	82.2	80.2	111.9	324.1	669.7	405.9
3:26:55	0:56:06	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.2	121.2	128.3	130.5	82.1	80.2	112.0	324.1	669.7	406.0
3:27:56	0:57:06	28.8	28.9	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.2	120.3	129.4	128.2	130.4	81.9	80.2	112.0	324.1	669.7	404.5
3:28:56	0:58:07	28.8	28.9	29.9	74.3	100.0	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.8	122.9	128.1	130.3	81.9	80.3	112.0	324.0	669.8	402.9
3:29:56	0:59:07	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	119.7	127.9	130.3	81.9	80.3	112.0	324.1	669.7	401.5

EXPOSURE(1) SUMMARY 06/08/2015 14:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:49	1:00:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.3	118.3	127.8	130.2	81.8	80.2	111.9	324.1	669.7	399.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 118.8 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.1 MAX GAS TEMP: 115.0
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 117.3 DRM1 END: 324.1 DRM2 END: 669.7 MIN PRE TEMP: 123.5 MIN GAS TEMP: 081.8
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.3
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 128.9

EXPOSURE(2) 06/08/2015 14:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:49	0:00:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.3	118.3	127.8	130.2	81.8	80.2	111.9	324.1	669.7	399.9
3:31:49	0:01:00	28.8	28.9	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.9	128.7	127.7	130.0	81.7	80.3	111.9	324.1	669.8	400.0
3:32:49	0:02:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.7	122.9	127.7	130.0	81.7	80.3	112.0	324.1	669.7	398.5
3:33:49	0:03:00	28.8	28.9	29.9	73.8	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.6	119.5	127.5	129.9	81.6	80.4	112.0	324.0	669.7	398.4
3:34:50	0:04:00	28.8	28.9	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.5	118.5	118.2	117.8	122.9	127.4	129.8	81.4	80.4	111.9	324.1	669.7	396.9
3:35:50	0:05:00	28.8	28.8	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	119.3	125.2	127.3	129.7	81.4	80.4	112.0	324.0	669.7	395.4
3:36:50	0:06:01	28.7	28.8	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.8	121.5	127.2	129.7	81.4	80.4	111.9	324.1	669.7	394.0
3:37:50	0:07:01	28.8	28.8	29.9	73.4	98.6	118.1	118.7	118.4	117.2	118.7	118.6	118.3	122.5	136.2	127.3	129.6	81.4	80.5	112.0	324.0	669.7	392.4
3:38:50	0:08:01	28.8	28.8	29.9	73.4	98.2	118.2	118.8	118.5	117.3	119.0	118.8	118.5	121.6	130.9	127.0	129.5	81.3	80.5	112.0	324.0	669.7	392.5
3:39:50	0:09:01	28.7	28.8	29.9	73.8	98.6	118.3	118.9	118.6	117.4	119.0	118.9	118.6	117.3	117.8	126.9	129.4	81.3	80.5	112.0	324.0	669.8	392.4
3:40:50	0:10:01	28.7	28.8	29.9	73.9	98.9	118.2	118.8	118.5	117.3	118.8	118.7	118.4	116.4	115.3	126.9	129.4	81.3	80.5	111.9	324.1	669.7	390.9
3:41:50	0:11:01	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.2	115.5	126.8	129.2	81.3	80.6	112.0	324.0	669.7	390.9
3:42:50	0:12:01	28.7	28.8	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.2	115.8	126.7	129.2	81.3	80.6	111.9	324.1	669.7	389.4
3:43:51	0:13:01	28.7	28.8	29.9	73.4	99.2	117.8	118.3	118.2	117.0	118.5	118.4	118.2	119.6	128.4	126.6	129.1	81.2	80.6	111.9	324.1	669.7	387.9
3:44:51	0:14:01	28.7	28.8	29.9	73.8	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.1	122.2	126.5	129.0	81.2	80.7	112.0	324.1	669.7	386.3
BEGIN GAS ADDITION (2) (ravallone) 06/08/2015 15:05:18																							
3:45:39	0:14:50	28.7	28.8	29.9	73.4	99.1	117.9	118.5	118.2	117.0	118.5	118.5	118.2	118.3	124.7	126.4	129.0	81.2	80.6	111.9	324.1	669.7	386.4
3:45:51	0:15:02	29.0	29.1	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	127.9	126.4	128.9	81.8	80.7	111.9	324.1	669.7	386.4
END GAS ADDITION (3) (ravallone) 06/08/2015 15:05:32																							
3:45:52	0:15:03	29.0	29.1	29.9	73.8	99.5	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.4	128.1	126.4	128.9	82.1	80.7	111.9	324.0	669.8	386.4

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3:46:51	0:16:02	29.0	29.1	29.9	74.3	99.9	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.4	122.8	126.3	128.9	86.3	80.8	111.9	324.1	669.8	389.4
3:47:51	0:17:02	29.0	29.1	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.4	119.3	126.3	128.8	85.7	80.7	111.9	324.1	669.7	386.4
3:48:51	0:18:02	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.2	117.0	118.5	118.5	118.2	117.6	122.4	126.2	128.7	85.1	80.8	111.9	324.0	669.7	383.4
3:49:51	0:19:02	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.0	124.8	126.1	128.6	84.6	80.8	111.9	324.1	669.7	381.8
3:50:51	0:20:02	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.6	120.1	126.0	128.5	84.2	80.8	111.9	324.1	669.7	381.8
3:51:52	0:21:02	29.0	29.1	29.9	73.4	99.1	117.9	118.5	118.2	117.0	118.5	118.5	118.2	120.0	129.1	125.9	128.4	83.8	80.8	111.9	324.0	669.7	381.8
3:52:52	0:22:02	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.8	123.4	125.8	128.4	83.6	80.8	111.9	324.0	669.7	380.4
3:53:52	0:23:02	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.6	119.7	125.7	128.2	83.2	80.8	111.9	324.1	669.7	378.9
3:54:52	0:24:03	29.0	29.1	29.9	73.4	99.1	117.9	118.5	118.2	117.0	118.6	118.5	118.2	117.3	121.2	125.7	128.2	82.8	80.8	111.9	324.1	669.7	377.4
3:55:52	0:25:03	29.0	29.1	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	119.2	124.9	125.6	128.1	82.8	80.8	111.9	324.0	669.7	377.4
3:56:52	0:26:03	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.8	120.2	125.5	128.0	82.5	80.8	111.9	324.1	669.7	375.9
3:57:52	0:27:03	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	119.8	128.9	125.5	128.0	82.3	80.9	111.9	324.1	669.7	375.8
3:58:52	0:28:03	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.5	139.1	125.4	127.8	82.2	80.9	111.9	324.0	669.7	375.8
3:59:52	0:29:03	29.0	29.1	29.9	73.4	98.0	118.3	118.9	118.6	117.4	119.1	118.8	118.6	120.7	127.9	125.2	127.8	82.1	81.0	111.9	324.0	669.7	375.9
4:00:53	0:30:03	29.0	29.1	29.9	73.4	98.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.9	116.8	125.1	127.7	81.9	81.0	111.9	324.1	669.7	372.8
4:01:53	0:31:03	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.4	115.3	125.0	127.7	81.9	81.0	111.9	324.1	669.7	372.8
4:02:53	0:32:04	29.0	29.0	29.9	73.4	98.6	118.0	118.7	118.3	117.2	118.7	118.7	118.4	116.3	115.5	125.0	127.5	81.8	81.1	111.9	324.0	669.8	372.8
4:03:53	0:33:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.1	115.8	124.9	127.5	81.7	81.1	111.9	324.1	669.7	371.3
4:04:53	0:34:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.4	129.9	124.8	127.4	81.7	81.1	111.9	324.1	669.7	369.9
4:05:53	0:35:04	29.0	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.3	122.3	124.6	127.3	81.7	81.1	111.8	324.1	669.7	369.8
4:06:53	0:36:04	29.0	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.2	118.9	124.7	127.2	81.6	81.2	111.8	324.1	669.7	369.8
4:07:53	0:37:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.1	129.9	124.7	127.2	81.6	81.1	111.8	324.1	669.7	369.9
4:08:53	0:38:04	29.0	29.0	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.7	118.6	118.3	118.9	124.3	124.5	127.1	81.4	81.2	111.9	324.0	669.7	369.8
4:09:54	0:39:04	29.0	29.0	29.9	73.4	98.6	118.1	118.7	118.4	117.2	118.7	118.6	118.3	117.8	120.0	124.4	127.0	81.4	81.2	111.8	324.1	669.7	369.8
4:10:54	0:40:04	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	118.3	124.3	126.9	81.4	81.3	111.9	324.1	669.7	368.3
4:11:54	0:41:05	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.2	120.8	131.8	124.2	126.8	81.4	81.2	111.8	324.1	669.7	368.3
4:12:54	0:42:05	29.0	29.0	29.9	73.4	98.4	118.1	118.8	118.4	117.3	118.8	118.7	118.4	123.1	136.4	124.2	126.8	81.4	81.3	111.9	324.1	669.7	366.8
4:13:54	0:43:05	29.0	29.0	29.9	73.4	98.1	118.2	118.8	118.5	117.4	119.0	118.8	118.5	118.0	120.4	124.1	126.7	81.4	81.3	111.9	324.1	669.7	366.8
4:14:54	0:44:05	28.9	29.0	29.9	73.4	98.4	118.1	118.8	118.4	117.3	118.8	118.7	118.4	116.2	115.5	129.4	126.6	81.4	81.3	111.9	324.1	669.7	366.8
4:15:54	0:45:05	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.1	115.4	129.4	126.6	81.4	81.4	111.8	324.1	669.7	365.3
4:16:54	0:46:05	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.0	115.7	129.0	126.5	81.4	81.4	111.8	324.1	669.7	365.3
4:17:55	0:47:05	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	127.8	128.8	126.5	81.4	81.4	111.8	324.1	669.8	365.2
4:18:55	0:48:05	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.8	123.0	128.8	126.3	81.4	81.6	111.8	324.1	669.7	363.7
4:19:55	0:49:05	28.9	29.0	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.9	124.4	128.7	126.2	81.4	81.6	111.8	324.1	669.7	363.8
4:20:55	0:50:06	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.6	120.0	128.6	126.2	81.4	81.6	111.9	324.1	669.7	363.8
4:21:55	0:51:06	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.2	117.0	118.2	128.5	126.1	81.4	81.6	111.8	324.1	669.7	363.8
4:22:55	0:52:06	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	129.8	128.4	126.0	81.4	81.6	111.8	324.0	669.7	363.7
4:23:55	0:53:06	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.2	118.8	118.6	118.3	123.5	139.3	128.3	125.9	81.4	81.6	111.8	324.0	669.7	362.2
4:24:55	0:54:06	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	120.0	126.4	128.2	125.9	81.4	81.6	111.8	324.0	669.7	362.3
4:25:55	0:55:06	28.9	29.0	29.9	73.4	98.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.7	116.4	128.1	125.9	81.4	81.6	111.8	324.0	669.7	362.3
4:26:55	0:56:06	28.9	29.0	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.3	115.3	127.9	125.8	81.4	81.6	111.8	324.1	669.8	362.3
4:27:56	0:57:06	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.1	115.6	127.9	125.7	81.4	81.6	111.8	324.1	669.7	360.8
4:28:56	0:58:06	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	115.8	127.8	125.6	81.4	81.6	111.8	324.1	669.8	360.7
4:29:56	0:59:07	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	127.8	127.7	125.5	81.4	81.6	111.7	324.1	669.7	360.7
4:30:56	1:00:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.7	120.9	127.5	125.4	81.4	81.8	111.7	324.1	669.8	359.2
4:31:56	1:01:07	28.9	29.0	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.2	119.9	128.9	127.4	125.4	81.4	81.8	111.7	324.1	669.7	359.2
4:32:56	1:02:07	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.3	122.4	127.3	125.3	81.4	81.6	111.7	324.0	669.7	359.2
4:33:56	1:03:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	119.1	127.2	125.2	81.4	81.8	111.7	324.1	669.7	359.2
4:34:56	1:04:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	128.4	127.1	125.1	81.4	81.8	111.7	324.1	669.8	359.2
4:35:56	1:05:07	28.9	29.0	29.9	72.9	98.2	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.2	121.8	127.1	125.1	81.4	81.8	111.7	324.1	669.7	359.2
4:36:56	1:06:07	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	118.9	127.0	125.0	81.4	81.8	111.7	324.1	669.7	357.7
4:37:57	1:07:07	28.9	29.0	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.2	118.4	125.0	126.8	124.9	81.4	81.6	111.7	324.1	669.7	357.7
4:38:57	1:08:07	28.9	29.0	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.2	118.8	123.7	126.7	124.8	81.4	81.6	111.6	324.1	669.7	357.8
4:39:57	1:09:08	28.9	29.0	29.9	72.9	98.2	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.8	126.7	124.8	81.4	81.6	111.6	324.1	669.7	357.7
4:40:57	1:10:08	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	119.2	126.6	124.8	81.4	81.8	111.6	324.1	669.8	356.2
4:41:57	1:11:08	28.9	29.0	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.4	125.8	126.5	124.6	81.4	81.8	111.6	324.0	669.8	356.3
4:42:57	1:12:08	28.9	29.0	29.9	72.9	98.2	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	120.5	126.4	124.6	81.4	81.8	111.6	324.0	669.7	356.2
4:43:57	1:13:08	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.5	118.2	119.2	127.4	126.3	124.6	81.4	81.8	111.6	324.1	669.7	356.2

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4:44:57	1:14:08	28.9	29.0	29.9	72.8	97.7	118.1	118.7	118.4	117.3	118.8	118.6	118.4	123.2	138.5	126.2	124.4	81.4	81.8	111.6	324.0	669.7	356.2
4:45:57	1:15:08	28.9	29.0	29.9	72.9	97.4	118.3	118.9	118.5	117.4	119.0	118.8	118.6	119.8	125.6	126.2	124.4	81.6	81.8	111.7	324.0	669.7	355.1
4:46:58	1:16:08	28.9	29.0	29.9	72.9	97.5	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.6	116.4	126.1	124.3	81.4	81.8	111.6	324.1	669.8	354.7
4:47:58	1:17:08	28.9	29.0	29.9	72.9	97.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.3	115.4	126.0	124.2	81.4	81.8	111.6	324.1	669.7	354.7
4:48:58	1:18:09	28.9	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.7	118.6	118.4	116.2	115.7	125.8	124.2	81.4	81.8	111.6	324.0	669.7	354.7
4:49:58	1:19:09	28.9	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.6	119.5	125.8	124.1	81.4	81.8	111.5	324.1	669.7	354.7
4:50:58	1:20:09	28.9	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.6	125.7	124.0	81.4	81.8	111.5	324.0	669.7	354.7
4:51:58	1:21:09	28.9	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.5	120.1	125.7	124.0	81.6	81.8	111.5	324.1	669.7	353.2
4:52:58	1:22:09	28.9	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	120.6	131.8	125.5	123.9	81.4	81.8	111.5	324.0	669.7	353.2
4:53:58	1:23:09	28.9	28.9	29.9	73.4	98.4	118.1	118.8	118.4	117.3	118.8	118.7	118.4	123.5	137.9	125.4	123.8	81.6	81.8	111.6	324.0	669.7	353.2
4:54:58	1:24:09	28.9	28.9	29.9	73.4	98.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	118.3	121.4	125.4	123.8	81.6	81.8	111.5	324.0	669.7	353.2
4:55:59	1:25:09	28.9	28.9	29.9	72.9	97.7	118.2	118.8	118.4	117.4	118.9	118.7	118.5	116.4	115.7	125.2	123.7	81.6	81.9	111.5	324.0	669.7	353.2
4:56:59	1:26:09	28.9	28.9	29.9	72.9	98.1	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.2	115.4	125.2	123.6	81.6	81.9	111.5	324.1	669.7	353.2
4:57:59	1:27:09	28.9	28.9	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.0	115.8	125.0	123.5	81.6	81.9	111.4	324.1	669.7	353.2
4:58:59	1:28:10	28.9	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	127.2	125.0	123.5	81.6	81.9	111.5	324.0	669.8	351.7
4:59:59	1:29:10	28.9	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.5	118.5	118.3	117.7	120.7	124.9	123.4	81.6	81.8	111.4	324.0	669.8	351.7
5:00:59	1:30:10	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.9	118.6	124.8	123.4	81.6	81.8	111.4	324.1	669.7	351.7
5:01:59	1:31:10	28.9	28.9	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.6	126.5	124.7	123.3	81.6	81.8	111.4	324.1	669.8	351.7
5:02:59	1:32:10	28.9	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.8	121.8	124.7	123.2	81.6	81.9	111.4	324.1	669.7	351.7
5:03:59	1:33:10	28.9	28.9	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.6	118.4	122.5	136.2	124.5	123.2	81.6	81.8	111.4	324.0	669.7	350.1
5:05:00	1:34:10	28.9	28.9	29.9	72.9	97.5	118.2	118.8	118.5	117.4	118.9	118.7	118.5	118.8	123.1	124.4	123.1	81.7	81.8	111.3	324.1	669.8	350.2
5:06:00	1:35:10	28.9	28.9	29.9	72.9	97.8	118.1	118.8	118.4	117.3	118.8	118.7	118.5	116.3	116.0	124.5	123.0	81.7	81.8	111.4	324.0	669.7	350.2
5:07:00	1:36:10	28.9	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.1	115.4	124.3	123.0	81.7	81.8	111.3	324.1	669.8	350.2
5:08:00	1:37:11	28.8	28.9	29.9	72.9	98.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	115.7	124.2	122.9	81.7	81.8	111.3	324.0	669.7	350.2
5:09:00	1:38:11	28.8	28.9	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.6	118.5	118.3	119.8	127.5	124.2	122.9	81.7	81.9	111.3	324.0	669.7	350.2
5:10:00	1:39:11	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.6	120.7	124.1	122.7	81.7	81.8	111.3	324.0	669.7	350.2
5:11:00	1:40:11	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.0	130.1	129.2	122.7	81.6	81.8	111.3	324.0	669.7	350.2
5:12:00	1:41:11	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.9	124.2	128.7	122.6	81.6	81.8	111.3	324.0	669.7	350.2
5:13:00	1:42:11	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.7	120.0	128.9	122.6	81.7	81.8	111.2	324.0	669.7	350.2
5:14:01	1:43:11	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.1	118.3	129.0	122.4	81.7	81.8	111.3	324.0	669.7	348.6
5:15:01	1:44:11	28.8	28.9	29.9	72.9	98.4	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.6	117.4	128.8	122.4	81.6	81.8	111.2	324.0	669.7	348.6
5:16:01	1:45:12	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	127.7	128.5	122.4	81.7	81.8	111.2	324.0	669.8	348.6
5:17:01	1:46:12	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.8	121.2	128.6	122.3	81.6	81.8	111.2	324.0	669.7	348.7
5:18:01	1:47:12	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	126.9	128.4	122.2	81.7	81.8	111.2	324.0	669.7	348.7
5:19:01	1:48:12	28.8	28.9	29.9	72.9	97.9	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.1	138.3	128.3	122.1	81.6	81.9	111.3	324.1	669.7	348.7
5:20:01	1:49:12	28.8	28.9	29.9	72.9	97.5	118.2	118.8	118.5	117.4	119.0	118.8	118.6	120.3	127.4	128.2	122.1	81.7	81.8	111.2	324.1	669.7	348.7
5:21:01	1:50:12	28.8	28.9	29.9	72.9	97.4	118.3	118.8	118.6	117.5	119.0	118.8	118.6	116.8	116.7	128.1	122.0	81.7	81.9	111.2	324.0	669.7	347.2
5:22:01	1:51:12	28.8	28.9	29.9	72.9	97.8	118.1	118.7	118.4	117.4	118.8	118.7	118.5	116.2	115.3	127.9	121.9	81.6	81.9	111.2	324.0	669.7	347.2
5:23:02	1:52:12	28.8	28.9	29.9	72.9	97.8	118.1	118.7	118.4	117.3	118.7	118.6	118.4	116.2	115.6	127.8	121.9	81.6	81.9	111.2	324.0	669.7	347.2
5:24:02	1:53:12	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	115.8	127.6	121.8	81.6	81.9	111.2	324.1	669.7	347.2
5:25:02	1:54:12	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	128.7	127.5	121.7	81.6	81.9	111.1	324.1	669.8	347.1
5:26:02	1:55:13	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.8	121.4	127.4	121.7	81.7	81.9	111.0	324.1	669.7	347.1
5:27:02	1:56:13	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.9	118.5	127.3	121.6	81.6	81.9	111.0	324.0	669.7	347.2
5:28:02	1:57:13	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.5	118.5	118.3	120.0	128.3	127.2	121.6	81.7	81.8	111.0	324.0	669.7	345.7
5:29:02	1:58:13	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.0	121.4	127.3	121.5	81.6	81.8	111.0	324.0	669.7	345.7
5:30:02	1:59:13	28.8	28.9	29.9	73.0	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.2	118.7	127.1	121.4	81.7	81.8	111.0	324.0	669.7	345.7
5:31:02	2:00:13	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.5	131.3	127.0	121.3	81.6	81.8	110.9	324.0	669.7	345.7
5:32:02	2:01:13	28.8	28.9	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.4	123.6	138.6	126.9	121.3	81.7	81.8	111.0	324.0	669.7	345.7
5:33:03	2:02:13	28.8	28.9	29.9	72.9	97.5	118.2	118.8	118.5	117.4	118.9	118.8	118.6	118.4	122.1	126.7	121.2	81.4	81.8	110.9	324.0	669.7	345.7
5:34:03	2:03:13	28.8	28.9	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.3	115.7	126.6	121.2	81.6	81.8	110.9	324.0	669.8	345.7
5:35:03	2:04:13	28.8	28.9	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.4	116.1	115.4	126.6	121.1	81.6	81.8	110.9	324.0	669.7	345.7
5:36:03	2:05:14	28.8	28.9	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.0	115.6	126.5	121.1	81.6	81.8	110.9	324.0	669.7	345.7
5:37:03	2:06:14	28.8	28.9	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.2	127.9	126.5	121.0	81.6	81.8	110.8	324.0	669.7	345.7
5:38:03	2:07:14	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.4	123.5	126.4	120.9	81.6	81.8	110.9	324.1	669.7	345.7
5:39:03	2:08:14	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.6	128.3	126.2	120.9	81.7	81.8	110.8	324.0	669.7	345.7
5:40:03	2:09:14	28.8	28.9	29.9	72.9	97.8	118.1	118.7	118.4	117.3	118.8	118.7	118.4	123.2	138.2	126.1	120.8	81.7	81.8	110.9	324.0	669.7	345.6
5:41:03	2:10:14	28.8	28.9	29.9	73.4	98.0	118.3	118.8	118.5	117.5	119.0	118.8	118.6	118.6	122.5	126.0	120.7	81.4	81.8	110.9	324.0	669.7	345.6
5:42:03	2:11:14	28.8	28.9	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.3	115.9	125.9	120.7	81.6	81.8	110.8	324.0	669.7	344.1

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5:43:04	2:12:14	28.8	28.9	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.4	125.8	120.6	81.6	81.8	110.8	324.0	669.7	344.1
5:44:04	2:13:14	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	116.0	115.6	125.8	120.6	81.6	81.8	110.7	324.1	669.7	344.2
5:45:04	2:14:15	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.6	128.4	125.7	120.5	81.6	81.8	110.7	324.1	669.7	344.2
5:46:04	2:15:15	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.0	121.9	125.5	120.4	81.6	81.8	110.7	324.0	669.7	344.1
5:47:04	2:16:15	28.8	28.9	29.9	73.0	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	120.7	125.5	120.4	81.6	81.8	110.7	324.1	669.7	344.1
5:48:04	2:17:15	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.1	135.7	125.4	120.3	81.6	81.8	110.8	324.0	669.7	344.1
5:49:04	2:18:15	28.8	28.9	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.5	118.3	122.7	125.3	120.2	81.6	81.8	110.7	324.0	669.7	344.1
5:50:04	2:19:15	28.8	28.9	29.9	72.9	98.0	118.1	118.6	118.4	117.3	118.8	118.7	118.5	116.1	115.9	125.2	120.2	81.6	81.8	110.7	324.1	669.7	342.7
5:51:05	2:20:15	28.8	28.9	29.9	73.0	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	115.9	115.3	125.1	120.1	81.6	81.8	110.7	324.0	669.7	342.7
5:52:05	2:21:15	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	128.3	125.0	120.1	81.6	81.8	110.6	324.0	669.7	342.6
5:53:05	2:22:15	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.8	121.1	124.9	120.0	81.6	81.8	110.6	324.1	669.7	342.7
5:54:05	2:23:16	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.9	118.3	124.8	119.8	81.6	81.8	110.6	324.0	669.7	342.7
5:55:05	2:24:16	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.1	129.0	124.7	119.8	81.6	81.6	110.5	324.0	669.7	342.7
5:56:05	2:25:16	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.5	118.4	118.1	121.9	124.7	119.8	81.6	81.8	110.6	324.1	669.7	342.7
5:57:05	2:26:16	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.2	118.9	124.5	119.7	81.6	81.8	110.5	324.0	669.7	342.7
5:58:05	2:27:16	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.4	118.2	116.7	117.6	124.5	119.7	81.6	81.8	110.5	324.0	669.7	342.6
5:59:05	2:28:16	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.4	118.3	119.8	127.5	124.3	119.6	81.4	81.8	110.5	324.0	669.7	342.7
6:00:05	2:29:16	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.4	117.8	121.1	124.3	119.6	81.6	81.8	110.5	324.1	669.7	342.7
6:01:06	2:30:16	28.8	28.9	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.9	126.5	124.2	119.5	81.6	81.8	110.5	324.1	669.7	341.1
6:02:06	2:31:16	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.7	118.6	118.4	119.4	125.8	124.1	119.3	81.4	81.8	110.5	324.0	669.7	341.1
6:03:06	2:32:16	28.8	28.9	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.6	119.4	127.2	119.3	81.4	81.8	110.5	324.0	669.7	341.2
6:04:06	2:33:17	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	115.7	114.8	128.9	119.3	81.4	81.6	110.4	324.0	669.7	341.1
6:05:06	2:34:17	28.8	28.9	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.4	118.2	117.4	122.6	128.8	119.3	81.6	81.8	110.4	324.0	669.7	341.2
6:06:06	2:35:17	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.4	118.2	118.8	124.6	128.5	119.2	81.4	81.8	110.3	324.0	669.7	341.2
6:07:06	2:36:17	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.1	129.8	128.5	119.2	81.6	81.6	110.4	324.0	669.7	341.2
6:08:06	2:37:17	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.3	122.7	128.6	119.1	81.4	81.6	110.3	324.0	669.7	341.2
6:09:06	2:38:17	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	117.3	119.2	128.5	122.4	81.4	81.6	111.2	324.0	669.7	341.2
6:10:07	2:39:17	28.8	28.9	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.9	117.9	128.4	122.5	81.6	81.6	110.7	324.1	669.7	341.2
6:11:07	2:40:17	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	129.0	128.2	122.5	81.6	81.6	110.7	324.0	669.7	341.1
6:12:07	2:41:17	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.2	122.2	128.1	122.4	81.4	81.6	110.7	324.1	669.7	341.1
6:13:07	2:42:18	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.2	119.1	128.0	122.3	81.4	81.6	110.7	324.0	669.7	341.1
6:14:07	2:43:18	28.8	28.9	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.5	118.5	118.3	118.9	126.8	127.8	122.3	81.4	81.6	110.7	324.0	669.7	341.1
6:15:07	2:44:18	28.8	28.9	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	123.0	138.1	127.7	122.2	81.4	81.6	110.7	324.0	669.7	341.1
6:16:07	2:45:18	28.8	28.9	29.9	73.4	98.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	119.8	126.2	127.6	122.1	81.4	81.6	110.7	324.0	669.7	341.1
6:17:07	2:46:18	28.8	28.9	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.5	127.6	122.1	81.4	81.6	110.8	324.0	669.7	341.1
6:18:07	2:47:18	28.8	28.9	29.9	73.4	98.4	118.1	118.7	118.4	117.4	118.7	118.6	118.4	116.1	115.3	127.4	122.0	81.4	81.6	110.7	324.0	669.7	341.2
6:19:08	2:48:18	28.8	28.9	29.9	72.9	97.9	118.1	118.6	118.4	117.3	118.6	118.5	118.4	116.0	115.6	127.3	121.9	81.4	81.6	110.7	324.0	669.7	339.6
6:20:08	2:49:18	28.8	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.7	123.2	127.2	121.9	81.4	81.6	110.7	324.0	669.7	339.7
6:21:08	2:50:18	28.8	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.8	124.3	127.2	121.8	81.4	81.6	110.7	324.1	669.7	339.7
6:22:08	2:51:19	28.8	28.9	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.2	119.4	127.1	121.7	81.4	81.4	110.7	324.0	669.7	339.6
6:23:08	2:52:19	28.8	28.9	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	128.7	126.9	121.7	81.4	81.4	110.7	324.0	669.7	339.6
6:24:08	2:53:19	28.8	28.8	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.2	122.1	126.7	121.6	81.4	81.3	110.6	324.0	669.7	339.6
6:25:08	2:54:19	28.8	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.2	119.0	126.7	121.6	81.4	81.4	110.6	324.0	669.7	339.6
6:26:08	2:55:19	28.8	28.8	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	117.6	126.6	121.4	81.4	81.4	110.7	324.0	669.7	339.6
6:27:08	2:56:19	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	120.0	128.2	126.5	121.4	81.4	81.3	110.6	324.0	669.7	339.6
6:28:09	2:57:19	28.8	28.9	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.8	121.3	126.4	121.3	81.4	81.3	110.6	324.0	669.7	339.7
6:29:09	2:58:19	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.5	118.5	118.3	117.1	119.4	126.3	121.3	81.4	81.3	110.6	324.0	669.7	339.6
6:30:09	2:59:19	28.8	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	121.9	135.2	126.2	121.2	81.3	81.3	110.6	324.0	669.7	338.1
6:31:09	3:00:20	28.8	28.8	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	120.3	127.7	126.1	121.1	81.4	81.3	110.6	324.0	669.7	338.1
6:32:09	3:01:20	28.8	28.8	29.9	72.9	97.6	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.8	126.1	121.1	81.4	81.3	110.6	324.0	669.7	338.1
6:33:09	3:02:20	28.8	28.8	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.0	115.3	126.0	121.0	81.4	81.3	110.6	324.0	669.7	338.2
6:34:09	3:03:20	28.8	28.8	29.9	73.4	99.0	117.9	118.3	118.2	117.2	118.6	118.6	118.4	115.9	115.4	125.8	121.0	81.3	81.2	110.5	324.0	669.7	338.2
6:35:09	3:04:20	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.6	131.9	125.7	120.8	81.3	81.3	110.6	324.0	669.8	338.1
6:36:09	3:05:20	28.8	28.8	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.4	118.8	123.6	125.7	120.9	81.3	81.2	110.5	324.0	669.7	338.4
6:37:09	3:06:20	28.8	28.8	29.9	72.9	97.9	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.0	116.0	125.6	120.8	81.3	81.2	110.5	324.0	669.7	338.1
6:38:10	3:07:20	28.8	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.1	118.6	125.4	120.7	81.3	81.1	110.4	324.0	669.7	338.2
6:39:10	3:08:20	28.8	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.3	120.3	129.8	125.4	120.6	81.3	81.2	110.5	324.0	669.7	338.1
6:40:10	3:09:21	28.8	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.0	121.6	125.3	120.6	81.3	81.2	110.5	324.0	669.7	338.2

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6:41:10	3:10:21	28.8	28.8	29.9	73.4	98.6	118.0	118.6	118.3	117.3	118.6	118.6	118.4	117.0	118.6	125.2	120.5	81.3	81.2	110.5	324.0	669.7	338.1
6:42:10	3:11:21	28.8	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.5	117.3	125.2	120.5	81.2	81.3	110.5	324.0	669.7	338.1
6:43:10	3:12:21	28.8	28.8	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	128.4	125.1	120.4	81.2	81.2	110.4	324.0	669.7	338.2
6:44:10	3:13:21	28.8	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.8	121.4	124.9	120.4	81.2	81.1	110.4	324.0	669.7	338.2
6:45:10	3:14:21	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	118.9	127.1	124.8	120.3	81.2	81.1	110.4	324.0	669.7	338.2
6:46:10	3:15:21	28.8	28.8	29.9	73.4	98.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	123.1	138.1	124.8	120.2	81.2	81.1	110.4	324.0	669.7	336.6
6:47:10	3:16:21	28.8	28.8	29.9	72.9	97.4	118.3	118.8	118.6	117.5	118.9	118.8	118.6	118.9	123.4	124.7	120.2	81.2	81.1	110.4	324.0	669.7	336.6
6:48:11	3:17:21	28.8	28.8	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.3	115.9	124.7	120.1	81.2	81.1	110.4	324.0	669.7	336.6
6:49:11	3:18:21	28.8	28.8	29.9	72.9	97.9	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	124.6	120.1	81.2	81.1	110.3	324.0	669.7	336.6
6:50:11	3:19:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.9	115.5	124.5	120.0	81.2	81.1	110.4	324.0	669.7	336.6
6:51:11	3:20:22	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.0	118.5	124.4	119.8	81.1	81.1	110.3	324.0	669.7	336.6
6:52:11	3:21:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	119.3	126.4	124.3	119.8	81.2	81.1	110.3	324.0	669.7	336.7
6:53:11	3:22:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	117.3	120.1	124.2	119.8	81.2	81.0	110.3	324.0	669.7	336.7
6:54:11	3:23:22	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.6	123.3	124.2	119.8	81.2	81.0	110.3	324.0	669.7	336.7
6:55:11	3:24:22	28.7	28.8	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.3	118.9	124.9	124.0	119.7	81.1	81.0	110.2	324.0	669.7	336.7
6:56:12	3:25:22	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.4	119.9	129.3	119.6	81.1	81.0	110.3	324.0	669.7	336.6
6:57:12	3:26:22	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.8	118.1	129.0	119.7	81.2	81.0	110.2	324.0	669.7	336.6
6:58:12	3:27:23	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	120.3	130.1	128.9	119.5	81.1	81.0	110.2	324.0	669.7	336.6
6:59:12	3:28:23	28.7	28.8	29.9	73.4	98.6	118.0	118.6	118.4	117.2	118.6	118.6	118.3	118.3	122.7	128.6	119.5	81.1	80.9	110.1	324.0	669.7	336.6
7:00:12	3:29:23	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.2	128.4	119.3	81.1	81.0	110.2	324.0	669.7	336.6
7:01:12	3:30:23	28.7	28.8	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.7	117.8	128.6	119.3	81.1	80.9	110.1	324.0	669.7	336.6
7:02:12	3:31:23	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.4	118.8	128.3	119.3	81.1	80.8	110.0	324.0	669.7	336.6
7:03:12	3:32:23	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.4	126.6	128.3	119.3	81.0	80.9	110.1	324.0	669.7	336.6
7:04:13	3:33:23	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.6	120.6	128.2	119.2	81.0	80.8	110.0	324.0	669.7	336.6
7:05:13	3:34:23	28.7	28.8	29.9	72.9	98.4	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.8	123.6	128.1	119.2	81.0	80.8	110.0	324.0	669.7	336.6
7:06:13	3:35:23	28.7	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.8	127.0	127.9	119.8	81.0	80.8	110.5	324.0	669.7	336.6
7:07:13	3:36:23	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.7	120.2	127.8	122.3	81.0	80.8	110.5	324.0	669.7	336.6
7:08:13	3:37:24	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	115.0	113.3	127.7	122.3	81.0	80.8	110.3	324.0	669.7	336.6
7:09:13	3:38:24	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.4	118.4	118.2	118.9	127.9	127.6	122.3	81.0	80.8	110.3	324.0	669.7	336.6
7:10:13	3:39:24	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.8	122.2	127.6	122.3	81.0	80.8	110.3	324.0	669.7	336.6
7:11:13	3:40:24	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	119.2	125.7	127.4	122.1	80.9	80.8	110.3	324.0	669.7	336.6
7:12:13	3:41:24	28.7	28.8	29.9	72.9	98.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.4	119.9	127.4	122.0	80.9	80.8	110.3	324.0	669.7	335.1
7:13:14	3:42:24	28.7	28.8	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.7	117.9	127.4	122.0	80.9	80.7	110.3	324.0	669.7	335.1
7:14:14	3:43:24	28.7	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.6	118.3	119.9	128.0	127.3	121.9	80.9	80.7	110.3	324.0	669.7	335.1
7:15:14	3:44:24	28.7	28.8	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.8	121.2	127.2	121.8	80.8	80.6	110.3	324.0	669.7	335.1
7:16:14	3:45:25	28.7	28.8	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.0	118.6	127.1	121.8	80.9	80.6	110.2	324.0	669.7	335.1
7:17:14	3:46:25	28.7	28.8	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.6	117.6	127.1	121.7	80.8	80.6	110.2	324.0	669.7	335.1
7:18:14	3:47:25	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.6	127.1	126.9	121.7	80.9	80.6	110.3	324.0	669.7	335.1
7:19:14	3:48:25	28.7	28.8	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.6	120.7	126.8	121.5	80.8	80.6	110.3	324.0	669.7	335.1
7:20:14	3:49:25	28.7	28.8	29.9	73.0	98.2	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.9	118.4	126.7	121.5	80.8	80.5	110.2	324.0	669.7	335.1
7:21:14	3:50:25	28.7	28.8	29.9	72.9	98.3	117.9	118.5	118.3	117.1	118.5	118.5	118.3	118.3	125.5	126.7	121.4	80.8	80.5	110.2	324.0	669.7	335.1
7:22:15	3:51:25	28.7	28.8	29.9	73.3	98.7	118.0	118.6	118.3	117.2	118.5	118.5	118.3	118.7	124.1	126.6	121.4	80.8	80.5	110.2	324.0	669.7	335.1
7:23:15	3:52:25	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.3	119.6	126.6	121.3	80.7	80.5	110.2	324.0	669.7	335.1
7:24:15	3:53:26	28.7	28.8	29.9	72.9	98.5	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.2	127.5	126.5	121.3	80.8	80.5	110.2	324.0	669.7	335.1
7:25:15	3:54:26	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.4	123.1	126.4	121.2	80.8	80.4	110.1	324.0	669.7	335.1
7:26:15	3:55:26	28.7	28.8	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	119.4	126.3	121.1	80.7	80.4	110.1	324.0	669.7	335.1
7:27:15	3:56:26	28.7	28.8	29.9	72.9	98.3	117.9	118.5	118.2	117.2	118.6	118.5	118.3	118.6	125.8	126.2	121.1	80.7	80.4	110.1	324.0	669.7	335.1
7:28:15	3:57:26	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	122.8	137.7	126.1	121.0	80.6	80.4	110.1	324.0	669.7	335.1
7:29:15	3:58:26	28.7	28.8	29.9	73.4	98.0	118.3	118.8	118.6	117.5	119.0	118.8	118.6	120.5	128.1	126.0	121.0	80.7	80.3	110.2	324.0	669.7	335.1
7:30:16	3:59:26	28.7	28.8	29.9	73.4	97.9	118.3	118.9	118.6	117.5	119.0	118.8	118.6	116.7	116.9	125.8	120.9	80.7	80.4	110.1	324.0	669.7	335.1
7:31:16	4:00:26	28.7	28.8	29.9	73.4	98.3	118.2	118.7	118.5	117.4	118.8	118.7	118.5	116.1	115.3	125.9	120.8	80.6	80.3	110.1	324.0	669.7	333.6
7:32:16	4:01:27	28.7	28.8	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.7	118.4	116.0	115.4	125.8	120.7	80.6	80.3	110.1	324.0	669.7	335.1
7:33:16	4:02:27	28.7	28.8	29.9	72.9	98.2	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.9	115.6	125.7	120.7	80.6	80.3	110.0	324.0	669.7	333.6
	BEGIN GAS ADDITION (3) (ravallone) 06/08/2015 18:53:23																						
7:33:45	4:02:55	28.7	28.8	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	115.7	115.6	125.6	120.7	80.6	80.2	110.0	324.0	669.7	333.6
	END GAS ADDITION (4) (ravallone) 06/08/2015 18:53:37																						
7:33:57	4:03:08	29.0	29.1	29.9	73.4	99.0	117.9	118.3	118.2	117.2	118.5	118.5	118.3	115.7	116.9	125.6	120.6	81.3	80.2	110.0	324.0	669.7	335.1
7:34:16	4:03:27	29.0	29.1	29.9	73.9	99.4	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.7	123.9	125.6	120.6	84.3	80.3	110.0	324.0	669.7	338.2

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7:35:16	4:04:27	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	122.0	136.4	125.5	120.5	84.7	80.3	110.0	324.0	669.7	336.6
7:36:16	4:05:27	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	121.0	130.5	125.5	120.5	84.2	80.3	110.0	324.0	669.7	335.1
7:37:16	4:06:27	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.6	117.4	125.3	120.4	83.7	80.3	110.0	324.0	669.7	333.6
7:38:17	4:07:27	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.5	115.9	115.3	125.3	120.4	83.4	80.3	109.9	324.0	669.7	332.1
7:39:17	4:08:27	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.6	118.3	115.8	115.3	125.2	120.2	82.8	80.2	109.9	324.0	669.7	332.2
7:40:17	4:09:27	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.3	126.0	125.1	120.2	82.7	80.2	109.8	324.0	669.7	332.1
7:41:17	4:10:28	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.4	118.3	123.6	125.1	120.2	82.3	80.2	109.9	324.0	669.7	332.1
7:42:17	4:11:28	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	120.2	124.9	120.1	82.1	80.2	109.8	324.0	669.7	332.1
7:43:17	4:12:28	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	120.6	130.3	124.9	120.0	81.9	80.2	109.8	324.0	669.7	332.1
7:44:17	4:13:28	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.4	116.9	118.7	124.8	119.8	81.7	80.2	109.8	324.0	669.7	330.6
7:45:17	4:14:28	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.7	115.3	124.7	119.8	81.4	80.1	109.8	324.0	669.7	330.6
7:46:17	4:15:28	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.8	128.7	124.6	119.8	81.4	80.1	109.7	324.0	669.7	330.6
7:47:18	4:16:28	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	117.7	121.2	124.5	119.7	81.3	80.1	109.7	324.0	669.7	330.6
7:48:18	4:17:28	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.7	118.2	124.5	119.7	81.2	80.1	109.7	324.0	669.7	330.6
7:49:18	4:18:28	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	120.1	129.6	124.4	119.7	81.1	80.1	109.7	324.0	669.7	330.6
7:50:18	4:19:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.1	122.2	124.3	119.6	81.0	80.0	109.7	324.0	669.7	330.6
7:51:18	4:20:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.0	118.8	124.2	119.5	81.0	80.0	109.7	324.0	669.7	330.6
7:52:18	4:21:29	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.7	123.5	124.1	119.5	80.9	80.0	109.6	324.0	669.7	330.6
7:53:18	4:22:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.0	125.3	124.1	119.3	80.8	80.0	109.6	324.0	669.7	330.5
7:54:18	4:23:29	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.6	118.4	117.5	120.1	128.5	119.3	80.8	80.0	109.6	324.0	669.7	330.6
7:55:18	4:24:29	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.8	118.1	129.6	119.2	80.7	79.9	109.6	324.0	669.7	330.6
7:56:18	4:25:29	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.2	127.7	129.4	119.2	80.6	80.0	109.6	324.0	669.7	330.6
7:57:19	4:26:29	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	122.9	138.3	129.1	119.1	80.6	79.9	109.6	324.0	669.7	330.6
7:58:19	4:27:29	29.0	29.1	29.9	73.4	98.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	119.6	125.9	129.0	119.2	80.5	79.9	109.6	324.0	669.7	330.6
7:59:19	4:28:30	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.6	129.0	122.5	80.6	79.8	110.1	324.0	669.7	330.6
8:00:19	4:29:30	29.0	29.1	29.9	73.4	98.3	118.2	118.7	118.5	117.4	118.8	118.7	118.5	116.0	115.3	129.1	122.3	80.5	79.9	109.9	324.0	669.7	330.6
8:01:19	4:30:30	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	115.8	115.4	129.0	122.2	80.4	79.8	109.8	324.0	669.7	330.6
8:02:19	4:31:30	29.0	29.1	29.9	73.4	99.0	117.9	118.3	118.2	117.2	118.5	118.5	118.3	115.7	115.5	129.0	122.3	80.4	79.8	109.9	324.0	669.7	330.6
8:03:19	4:32:30	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.1	128.8	122.1	80.3	79.8	109.8	324.0	669.7	330.6
8:04:19	4:33:30	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	117.7	121.5	128.9	122.1	80.4	79.8	109.9	324.0	669.7	330.6
8:05:20	4:34:30	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	120.6	131.1	128.8	122.0	80.2	79.8	109.9	324.0	669.7	330.6
8:06:20	4:35:30	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.4	118.3	122.8	128.7	121.9	80.2	79.7	109.8	324.0	669.7	330.6
8:07:20	4:36:30	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.6	118.6	118.4	117.3	119.2	128.7	121.9	80.2	79.7	109.8	324.0	669.7	330.6
8:08:20	4:37:31	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.7	117.7	128.6	121.8	80.2	79.7	109.8	324.0	669.7	330.6
8:09:20	4:38:31	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.0	128.5	121.8	80.2	79.6	109.7	324.0	669.7	330.7
8:10:20	4:39:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	119.8	127.9	128.5	121.7	80.2	79.7	109.8	324.0	669.7	330.6
8:11:20	4:40:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.7	121.0	128.4	121.6	80.1	79.6	109.7	324.0	669.7	330.6
8:12:20	4:41:31	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.2	128.3	121.5	80.0	79.6	109.7	324.0	669.7	330.6
8:13:21	4:42:31	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	120.0	128.4	128.1	121.5	80.0	79.6	109.7	324.0	669.7	330.6
8:14:21	4:43:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.8	121.4	128.1	121.4	80.0	79.6	109.7	324.0	669.7	330.6
8:15:21	4:44:31	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.0	118.6	128.1	121.4	80.0	79.6	109.7	324.0	669.7	330.6
8:16:21	4:45:31	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.7	119.7	127.9	121.3	80.0	79.5	109.7	324.0	669.7	330.6
8:17:21	4:46:32	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	119.3	126.1	127.9	121.2	80.0	79.5	109.6	324.0	669.7	330.6
8:18:21	4:47:32	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.5	120.3	127.9	121.1	79.9	79.4	109.6	324.0	669.7	330.6
8:19:21	4:48:32	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.6	122.6	127.9	121.1	79.9	79.4	109.6	324.0	669.7	330.6
8:20:21	4:49:32	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.0	125.0	127.8	121.0	79.9	79.4	109.6	324.0	669.7	330.6
8:21:22	4:50:32	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.5	120.0	127.7	121.0	79.8	79.4	109.6	324.0	669.7	330.6
8:22:21	4:51:32	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	116.8	118.0	127.7	120.9	79.8	79.4	109.6	324.0	669.7	330.6
8:23:22	4:52:32	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.8	120.9	127.5	120.8	79.7	79.4	109.6	324.0	669.7	330.5
8:24:22	4:53:32	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	119.2	125.8	127.5	120.8	79.7	79.3	109.6	324.0	669.7	330.6
8:25:22	4:54:33	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.5	120.2	127.3	120.7	79.8	79.3	109.5	324.0	669.7	330.6
8:26:22	4:55:33	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	117.2	121.5	127.4	120.6	79.8	79.3	109.5	324.0	669.7	330.6
8:27:22	4:56:33	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	120.4	129.1	127.4	120.6	79.7	79.3	109.5	324.0	669.7	330.6
8:28:22	4:57:33	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.4	117.5	119.8	127.2	120.5	79.7	79.3	109.4	324.0	669.7	330.6
8:29:22	4:58:33	29.0	29.1	29.9	73.4	98.9	118.0	118.5	118.3	117.2	118.6	118.6	118.3	115.8	115.5	127.1	120.4	79.7	79.2	109.4	324.0	669.7	329.1
8:30:22	4:59:33	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.6	118.3	118.9	127.2	127.1	120.4	79.7	79.2	109.4	324.0	669.7	330.6
8:31:23	5:00:33	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	120.4	129.5	127.1	120.3	79.7	79.2	109.4	324.0	669.7	329.1
8:32:23	5:01:33	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.9	118.5	127.1	120.2	79.6	79.2	109.4	324.0	669.7	329.1

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8:33:23	5:02:34	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.4	114.7	127.0	120.2	79.6	79.1	109.4	324.0	669.7	329.1
8:34:23	5:03:34	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.4	129.0	126.9	120.1	79.6	79.2	109.3	324.0	669.7	329.1
8:35:23	5:04:34	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.4	117.2	118.7	118.7	118.4	122.7	138.1	126.9	120.0	79.5	79.1	109.4	324.0	669.7	329.1
8:36:23	5:05:34	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	119.2	125.4	126.7	120.0	79.6	79.2	109.4	324.0	669.7	329.1
8:37:23	5:06:34	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.7	118.6	116.3	116.3	126.6	119.8	79.6	79.1	109.3	324.0	669.7	329.1
8:38:23	5:07:34	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.5	115.9	115.1	126.6	119.8	79.5	79.1	109.3	324.0	669.7	329.1
8:39:23	5:08:34	29.0	29.1	29.9	73.4	98.7	118.0	118.5	118.3	117.3	118.6	118.6	118.4	115.7	115.2	126.6	119.8	79.5	79.1	109.3	324.0	669.7	329.1
8:40:24	5:09:34	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.6	126.7	126.5	119.7	79.5	79.1	109.2	324.0	669.7	329.1
8:41:24	5:10:34	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	118.2	123.2	126.3	119.6	79.5	78.9	109.1	324.0	669.7	329.1
8:42:24	5:11:35	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	119.8	129.8	126.4	119.6	79.4	79.0	109.2	324.0	669.7	329.1
8:43:24	5:12:35	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.5	118.8	124.1	126.3	119.6	79.5	79.0	109.2	324.0	669.7	329.1
8:44:24	5:13:35	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.5	114.8	126.3	119.3	79.4	79.0	109.1	324.0	669.7	329.1
8:45:24	5:14:35	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.4	118.4	118.2	114.7	115.7	126.2	119.3	79.4	79.0	109.1	324.0	669.7	329.1
8:46:24	5:15:35	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.2	117.1	118.5	118.5	118.3	119.6	128.9	126.2	119.3	79.4	79.0	109.1	324.0	669.7	329.1
8:47:24	5:16:35	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.9	127.9	126.0	119.2	79.3	79.0	109.0	324.0	669.7	329.1
8:48:24	5:17:35	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.2	123.1	126.0	119.2	79.4	78.9	109.0	324.0	669.7	329.1
8:49:25	5:18:35	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.5	122.7	125.9	119.1	79.3	78.9	109.0	324.0	669.7	329.1
8:50:25	5:19:35	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	119.6	126.8	125.9	119.1	79.3	78.9	109.0	324.0	669.7	329.2
8:51:25	5:20:36	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.7	120.6	125.9	122.4	79.3	78.8	109.6	324.0	669.7	329.1
8:52:25	5:21:36	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.4	116.9	118.2	125.8	122.4	79.2	78.9	109.3	324.0	669.7	329.1
8:53:25	5:22:36	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.4	125.7	125.6	122.3	79.2	78.8	109.3	324.0	669.7	329.1
8:54:25	5:23:36	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	118.6	123.9	125.5	122.2	79.2	78.7	109.3	324.0	669.7	327.6
8:55:25	5:24:36	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.5	125.6	122.2	79.2	78.8	109.3	324.0	669.7	327.6
8:56:25	5:25:36	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	116.7	117.7	125.5	122.1	79.2	78.7	109.2	324.0	669.7	327.6
8:57:26	5:26:36	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.1	129.3	125.5	122.1	79.1	78.7	109.3	324.0	669.7	327.6
8:58:26	5:27:36	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.0	121.8	125.5	122.0	79.2	78.7	109.3	324.0	669.7	327.6
8:59:26	5:28:36	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.4	117.2	118.6	118.5	118.4	117.0	118.7	125.4	122.0	79.2	78.7	109.3	324.0	669.7	327.6
9:00:26	5:29:37	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.6	123.2	125.2	121.8	79.1	78.7	109.2	324.0	669.7	327.6
9:01:26	5:30:37	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	119.8	127.5	125.2	121.8	79.1	78.7	109.3	324.0	669.7	327.6
9:02:26	5:31:37	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.9	118.4	125.2	121.7	79.1	78.6	109.2	324.0	669.7	327.6
9:03:26	5:32:37	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	114.4	112.1	125.2	121.7	79.0	78.6	109.2	324.0	669.7	327.6
9:04:26	5:33:37	29.0	29.1	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.4	118.4	118.2	118.7	127.4	125.1	121.6	79.1	78.6	109.2	324.0	669.7	327.6
9:05:26	5:34:37	29.0	29.1	29.9	73.4	99.3	117.8	118.3	118.1	117.1	118.5	118.5	118.3	117.8	122.8	125.1	121.4	79.0	78.6	109.2	324.0	669.7	327.6
9:06:26	5:35:37	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	120.0	129.0	124.9	121.4	79.0	78.5	109.2	324.0	669.7	327.6
9:07:27	5:36:37	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.8	121.1	124.8	121.4	79.0	78.4	109.1	324.0	669.7	327.6
9:08:27	5:37:37	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	116.9	118.3	124.8	121.3	79.0	78.5	109.1	324.0	669.7	327.6
9:09:27	5:38:38	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.1	130.4	124.7	121.2	78.9	78.5	109.1	324.0	669.7	327.6
9:10:27	5:39:38	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.3	123.1	124.8	121.1	78.9	78.5	109.1	324.0	669.7	327.6
9:11:27	5:40:38	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.3	124.6	121.1	78.9	78.4	109.1	324.0	669.7	327.6
9:12:27	5:41:38	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.6	117.6	124.6	121.0	78.9	78.4	109.0	324.0	669.7	327.6
9:13:27	5:42:38	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.4	122.6	124.6	120.9	78.9	78.4	109.0	324.0	669.7	327.5
9:14:27	5:43:38	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	119.8	127.4	124.6	120.9	78.9	78.4	109.1	324.0	669.7	327.6
9:15:27	5:44:38	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.6	120.8	124.5	120.8	78.8	78.4	109.0	324.0	669.7	327.6
9:16:28	5:45:38	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.9	118.3	124.4	120.8	78.9	78.3	109.0	324.0	669.7	327.6
9:17:28	5:46:38	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.8	124.1	124.4	120.6	78.8	78.3	109.0	324.0	669.7	327.5
9:18:28	5:47:39	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.8	124.5	124.4	120.6	78.8	78.3	109.0	324.0	669.7	327.6
9:19:28	5:48:39	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.3	119.7	124.2	120.5	78.8	78.3	109.0	324.0	669.7	327.6
9:20:28	5:49:39	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	117.7	124.1	120.5	78.8	78.2	108.9	324.0	669.7	327.6
9:21:28	5:50:39	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	119.9	128.6	129.1	120.4	78.7	78.2	108.9	324.0	669.7	327.6
9:22:28	5:51:39	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.7	121.3	129.0	120.3	78.7	78.2	108.9	324.0	669.7	327.5
9:23:28	5:52:39	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.5	118.5	118.3	116.9	118.4	129.0	120.3	78.7	78.2	108.8	324.0	669.7	327.5
9:24:28	5:53:39	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.3	128.9	120.2	78.7	78.2	108.8	324.0	669.7	327.6
9:25:29	5:54:39	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.2	122.6	128.8	120.1	78.6	78.1	108.8	324.0	669.7	327.6
9:26:29	5:55:39	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.0	119.0	128.8	120.1	78.7	78.1	108.8	324.0	669.7	327.6
9:27:29	5:56:39	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.4	117.5	128.9	119.8	78.6	78.1	108.7	324.0	669.7	327.6
9:28:29	5:57:40	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.3	129.8	128.7	119.8	78.6	78.1	108.8	324.0	669.7	327.6
9:29:29	5:58:40	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.0	121.9	128.8	119.8	78.6	78.2	108.8	324.0	669.7	327.6
9:30:29	5:59:40	29.0	29.1	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.0	118.7	128.7	119.8	78.6	78.1	108.7	324.0	669.7	327.6

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9:31:29	6:00:40	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	119.3	128.7	128.6	119.7	78.5	78.1	108.7	324.0	669.7	327.6
9:32:29	6:01:40	29.0	29.1	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.4	122.5	136.1	128.6	119.7	78.5	78.0	108.7	324.0	669.7	327.6
9:33:29	6:02:40	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	117.5	120.0	128.5	119.6	78.5	78.0	108.7	324.0	669.7	327.6
9:34:30	6:03:40	29.0	29.1	29.9	73.4	98.4	118.1	118.7	118.4	117.4	118.8	118.7	118.5	115.9	115.5	128.5	119.5	78.5	78.0	108.7	324.0	669.7	327.6
9:35:30	6:04:40	29.0	29.1	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.6	118.6	118.4	115.7	115.1	128.4	119.5	78.5	77.9	108.6	324.0	669.7	327.5
9:36:30	6:05:40	29.0	29.1	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.9	121.8	128.5	119.3	78.5	78.0	108.6	324.0	669.7	327.6
9:37:30	6:06:41	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	118.9	125.4	128.3	119.3	78.5	78.0	108.5	324.0	669.7	327.6
9:38:30	6:07:41	29.0	29.1	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.1	119.6	128.3	119.3	78.5	78.0	108.5	324.0	669.7	327.6
9:39:30	6:08:41	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.4	118.5	118.3	116.6	119.8	128.2	119.2	78.5	77.9	108.5	324.0	669.7	327.5
9:40:30	6:09:41	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	119.8	128.0	128.2	119.1	78.4	77.9	108.5	324.0	669.7	327.6
9:41:30	6:10:41	29.0	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.6	121.0	128.1	122.3	78.5	77.9	109.6	324.0	669.7	327.6
9:42:30	6:11:41	28.9	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.7	118.2	128.2	122.3	78.5	77.9	108.8	324.0	669.7	326.1
9:43:31	6:12:41	28.9	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.4	128.1	122.3	78.4	77.9	108.8	324.0	669.7	326.1
9:44:31	6:13:41	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	118.2	122.7	127.9	122.2	78.4	77.8	108.8	324.0	669.7	326.1
9:45:31	6:14:41	29.0	29.1	29.9	73.9	99.4	118.0	118.6	118.3	117.1	118.6	118.6	118.4	117.0	119.0	127.8	122.1	78.3	77.8	108.8	324.0	669.7	326.1
9:46:31	6:15:42	29.0	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.5	117.5	127.8	122.1	78.4	77.8	108.8	324.0	669.7	326.1
9:47:31	6:16:42	29.0	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.8	127.7	127.8	122.0	78.4	77.8	108.8	324.0	669.7	326.1
9:48:31	6:17:42	29.0	29.1	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	117.5	120.8	127.6	121.9	78.3	77.8	108.8	324.0	669.7	326.1
9:49:31	6:18:42	29.0	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.2	127.6	121.9	78.3	77.7	108.8	324.0	669.7	326.1
9:50:31	6:19:42	28.9	29.1	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.3	128.4	127.6	121.8	78.3	77.7	108.8	324.0	669.7	326.1
9:51:31	6:20:42	28.9	29.1	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.2	122.9	127.6	121.7	78.3	77.7	108.8	324.0	669.7	326.1
9:52:32	6:21:42	28.9	29.1	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.0	119.1	127.3	121.7	78.3	77.7	108.7	324.0	669.7	326.1
9:53:32	6:22:42	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.4	118.9	127.4	121.5	78.3	77.7	108.7	324.0	669.7	326.1
9:54:32	6:23:43	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.6	127.3	127.3	121.5	78.3	77.6	108.7	324.0	669.7	326.1
9:55:32	6:24:43	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.5	120.7	127.3	121.4	78.2	77.7	108.7	324.0	669.7	326.0
9:56:32	6:25:43	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.6	118.3	116.7	118.2	127.2	121.4	78.3	77.6	108.6	324.0	669.7	326.1
9:57:32	6:26:43	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	120.6	132.1	127.2	121.3	78.3	77.6	108.7	324.0	669.7	326.1
9:58:32	6:27:43	29.0	29.1	29.9	73.4	98.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	123.1	137.3	127.0	121.2	78.2	77.6	108.7	324.0	669.7	326.1
9:59:32	6:28:43	29.0	29.1	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	117.8	120.7	126.9	121.2	78.2	77.6	108.7	324.0	669.7	326.1
10:00:33	6:29:43	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.8	118.6	116.1	115.6	127.1	121.1	78.2	77.6	108.7	324.0	669.7	326.1
10:01:33	6:30:43	28.9	29.0	29.9	73.4	98.4	118.1	118.7	118.5	117.3	118.7	118.7	118.5	115.8	115.1	127.0	121.1	78.2	77.7	108.7	324.0	669.7	326.1
10:02:33	6:31:43	28.9	29.0	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.5	118.5	118.3	115.7	115.3	126.8	121.0	78.2	77.6	108.6	324.0	669.7	326.1
10:03:33	6:32:44	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.6	118.3	119.2	128.7	126.8	120.9	78.2	77.6	108.6	324.0	669.7	326.1
10:04:33	6:33:44	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.5	118.6	118.3	117.8	122.2	126.8	120.8	78.1	77.6	108.6	324.0	669.7	326.1
10:05:33	6:34:44	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.1	125.1	126.7	120.7	78.1	77.5	108.5	324.0	669.7	326.1
10:06:33	6:35:44	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.4	137.1	126.7	120.7	78.1	77.6	108.6	324.0	669.7	326.1
10:07:33	6:36:44	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	119.6	126.4	126.7	120.6	78.1	77.6	108.6	324.0	669.7	326.1
10:08:33	6:37:44	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.3	116.5	126.7	120.5	78.1	77.5	108.5	324.0	669.7	326.0
10:09:33	6:38:44	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.5	115.8	115.1	126.6	120.4	78.1	77.6	108.5	324.0	669.7	326.1
10:10:34	6:39:44	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.1	126.5	120.4	78.0	77.5	108.4	324.0	669.7	326.1
10:11:34	6:40:44	28.9	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	117.8	124.6	126.4	120.3	78.0	77.5	108.5	324.0	669.7	326.1
10:12:34	6:41:44	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.6	118.4	118.4	124.3	126.4	120.2	78.0	77.5	108.4	324.0	669.7	326.1
10:13:34	6:42:45	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.9	119.1	126.4	120.2	78.0	77.5	108.5	324.0	669.7	326.1
10:14:34	6:43:45	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.8	124.9	126.4	120.1	78.0	77.5	108.4	324.0	669.7	324.6
10:15:34	6:44:45	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	118.7	124.5	126.3	120.1	78.0	77.5	108.4	324.0	669.7	324.6
10:16:34	6:45:45	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.6	118.6	118.3	117.0	119.4	126.3	119.8	77.9	77.4	108.3	324.0	669.7	326.1
10:17:34	6:46:45	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.3	125.9	126.2	119.8	77.9	77.4	108.4	324.0	669.7	326.1
10:18:34	6:47:45	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.7	124.2	126.1	119.8	78.0	77.4	108.4	324.0	669.7	324.6
10:19:35	6:48:45	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.2	119.5	126.1	119.8	77.9	77.4	108.3	324.0	669.7	324.6
10:20:35	6:49:45	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.6	117.6	126.1	119.7	78.0	77.4	108.3	324.0	669.7	324.6
10:21:35	6:50:45	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.9	126.0	119.6	77.9	77.4	108.3	324.0	669.7	324.6
10:22:35	6:51:46	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.5	118.5	118.3	118.0	122.2	125.9	119.6	77.9	77.4	108.3	324.0	669.7	324.6
10:23:35	6:52:46	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.9	118.7	126.0	119.5	77.9	77.4	108.2	324.0	669.7	324.6
10:24:35	6:53:46	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.3	126.0	119.5	77.9	77.4	108.2	324.0	669.7	324.6
10:25:35	6:54:46	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.7	137.9	125.9	119.3	77.9	77.4	108.3	324.0	669.7	324.5
10:26:35	6:55:46	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.6	117.4	119.0	118.9	118.6	121.4	131.1	125.8	119.3	77.9	77.4	108.3	324.0	669.7	324.6
10:27:36	6:56:46	28.9	29.0	29.9	73.4	97.9	118.3	118.9	118.6	117.5	119.0	118.9	118.7	116.9	117.7	125.7	119.3	77.9	77.4	108.3	324.0	669.7	324.6
10:28:36	6:57:46	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.8	118.6	116.0	115.3	125.6	119.2	77.8	77.3	108.2	324.0	669.7	324.3

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10:29:36	6:58:46	28.9	29.0	29.9	73.4	98.3	118.2	118.7	118.5	117.4	118.7	118.7	118.5	115.9	115.2	125.6	119.1	77.9	77.3	108.1	324.0	669.7	324.6
10:30:36	6:59:47	28.9	29.0	29.9	73.4	98.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	115.7	115.3	125.5	122.3	77.8	77.3	109.0	324.0	669.7	324.6
10:31:36	7:00:47	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	118.8	127.5	125.5	122.4	77.9	77.4	108.6	324.0	669.7	324.6
10:32:36	7:01:47	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.6	118.6	118.4	118.1	123.0	125.3	122.3	77.8	77.3	108.5	324.0	669.7	324.6
10:33:36	7:02:47	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.4	116.7	118.7	125.4	122.2	77.8	77.3	108.5	324.0	669.7	324.6
10:34:36	7:03:47	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.1	118.3	125.2	122.1	77.8	77.3	108.5	324.0	669.7	324.6
10:35:37	7:04:47	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.6	127.9	125.1	122.1	77.8	77.2	108.5	324.0	669.7	324.6
10:36:37	7:05:47	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.4	120.7	125.1	122.0	77.7	77.2	108.5	324.0	669.7	324.6
10:37:37	7:06:47	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.5	118.5	118.3	118.8	126.9	125.0	121.9	77.8	77.2	108.5	324.0	669.7	324.6
10:38:37	7:07:48	28.9	29.0	29.9	73.4	98.7	118.0	118.7	118.3	117.2	118.7	118.7	118.4	122.6	137.8	125.0	121.8	77.7	77.2	108.5	324.0	669.7	324.6
10:39:37	7:08:48	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	119.0	118.8	118.6	120.3	127.8	124.9	121.8	77.7	77.2	108.6	324.0	669.7	324.6
10:40:37	7:09:48	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	119.0	118.8	118.7	116.5	116.8	124.9	121.7	77.7	77.2	108.5	324.0	669.7	324.6
10:41:37	7:10:48	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.7	118.6	116.0	115.2	124.7	121.7	77.7	77.2	108.5	324.0	669.7	324.6
10:42:37	7:11:48	28.9	29.0	29.9	73.4	98.6	118.0	118.6	118.3	117.3	118.6	118.7	118.4	115.8	115.3	124.7	121.6	77.8	77.2	108.5	324.0	669.7	324.6
10:43:37	7:12:48	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.3	117.1	118.5	118.5	118.4	115.6	115.2	124.7	121.5	77.7	77.2	108.5	324.0	669.7	324.6
10:44:38	7:13:48	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.6	129.3	124.6	121.5	77.8	77.2	108.5	324.0	669.7	324.6
10:45:38	7:14:48	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.6	121.9	124.6	121.3	77.7	77.2	108.5	324.0	669.7	324.6
10:46:38	7:15:48	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.8	124.1	124.5	121.3	77.7	77.1	108.4	324.0	669.7	324.6
10:47:38	7:16:49	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.8	124.7	124.5	121.3	77.7	77.2	108.4	324.0	669.7	324.6
10:48:38	7:17:49	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.2	119.6	124.6	121.1	77.7	77.2	108.4	324.0	669.7	324.6
10:49:38	7:18:49	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.5	117.6	124.5	121.1	77.7	77.2	108.4	324.0	669.7	324.6
10:50:38	7:19:49	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.1	118.6	118.6	118.4	121.1	133.6	124.4	121.0	77.7	77.2	108.4	324.0	669.7	324.6
10:51:38	7:20:49	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	122.7	136.0	124.3	121.0	77.7	77.2	108.5	324.0	669.7	324.6
10:52:38	7:21:49	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.5	117.5	119.0	118.8	118.7	117.4	119.7	124.2	120.9	77.7	77.2	108.4	324.0	669.7	324.6
10:53:38	7:22:49	28.9	29.0	29.9	73.5	98.4	118.2	118.8	118.4	117.4	118.8	118.8	118.6	116.0	115.4	124.3	120.8	77.7	77.2	108.4	324.0	669.7	324.6
10:54:39	7:23:49	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.5	115.8	115.1	124.1	120.7	77.7	77.2	108.4	324.0	669.7	324.6
10:55:39	7:24:49	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.2	124.2	120.7	77.7	77.2	108.4	324.0	669.7	324.6
10:56:39	7:25:50	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.4	118.5	118.3	118.1	125.4	124.0	120.6	77.7	77.2	108.3	324.0	669.7	324.6
10:57:39	7:26:50	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.3	124.1	129.2	120.5	77.6	77.2	108.3	324.0	669.7	324.5
10:58:39	7:27:50	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.7	127.2	129.2	120.4	77.6	77.2	108.3	324.0	669.7	324.6
10:59:39	7:28:50	28.9	29.0	29.9	73.4	98.5	118.1	118.7	118.4	117.3	118.7	118.7	118.5	122.6	137.7	129.0	120.4	77.7	77.2	108.4	324.0	669.7	324.6
11:00:39	7:29:50	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.8	118.6	118.2	122.3	129.0	120.4	77.7	77.2	108.3	324.0	669.7	324.6
11:01:39	7:30:50	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.0	115.9	128.9	120.3	77.7	77.2	108.3	324.0	669.7	324.6
11:02:39	7:31:50	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	115.7	115.1	128.8	120.2	77.7	77.2	108.2	324.0	669.7	324.5
11:03:40	7:32:50	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.5	115.0	128.8	120.1	77.7	77.2	108.2	324.0	669.7	324.6
11:04:40	7:33:50	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.1	128.7	120.1	77.6	77.2	108.2	324.0	669.7	323.0
11:05:40	7:34:51	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.4	121.9	128.7	119.8	77.6	77.2	108.2	324.0	669.7	323.1
11:06:40	7:35:51	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	121.7	135.6	128.7	119.8	77.7	77.2	108.2	324.0	669.7	323.1
11:07:40	7:36:51	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	122.4	134.7	128.6	119.8	77.7	77.2	108.2	324.0	669.7	324.6
11:08:40	7:37:51	28.9	29.0	29.9	73.4	97.9	118.3	118.9	118.5	117.5	119.0	118.8	118.7	117.3	119.0	128.6	119.8	77.6	77.2	108.2	324.0	669.7	323.0
11:09:40	7:38:51	28.9	29.0	29.9	73.4	98.1	118.2	118.8	118.5	117.5	118.9	118.8	118.6	116.1	115.4	128.7	119.7	77.6	77.2	108.2	324.0	669.7	323.1
11:10:40	7:39:51	28.9	29.0	29.9	73.4	98.6	118.1	118.6	118.4	117.3	118.7	118.7	118.6	115.8	115.1	128.5	119.6	77.6	77.3	108.2	324.0	669.7	323.1
11:11:40	7:40:51	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.6	118.4	115.6	115.1	128.5	119.5	77.6	77.2	108.1	324.0	669.7	323.1
11:12:41	7:41:51	28.9	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.0	122.2	128.4	119.6	77.6	77.3	108.1	324.0	669.7	323.1
11:13:41	7:42:51	28.9	29.0	29.9	73.4	99.1	117.8	118.3	118.1	117.1	118.5	118.5	118.4	118.8	125.5	128.3	119.3	77.6	77.2	108.1	324.0	669.7	323.0
11:14:41	7:43:52	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.3	131.6	128.4	119.3	77.6	77.3	108.1	324.0	669.7	323.3
11:15:41	7:44:52	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.7	118.6	123.3	139.3	128.4	119.3	77.6	77.3	108.2	324.0	669.7	323.1
11:16:41	7:45:52	28.9	29.0	29.9	73.4	98.0	118.3	118.9	118.5	117.5	119.0	118.9	118.7	118.6	123.0	128.3	119.2	77.6	77.2	108.1	324.0	669.7	323.1
11:17:41	7:46:52	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.4	117.5	118.9	118.8	118.6	116.1	115.8	128.2	119.2	77.6	77.2	108.1	324.0	669.7	323.1
11:18:41	7:47:52	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.1	128.2	119.1	77.6	77.3	108.1	324.0	669.7	323.0
11:19:41	7:48:52	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.3	118.6	118.5	118.4	115.7	115.2	128.1	122.3	77.6	77.3	109.0	324.0	669.7	322.8
11:20:41	7:49:52	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.4	116.1	119.4	128.1	122.3	77.6	77.3	108.4	324.0	669.7	323.0
11:21:42	7:50:52	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	119.3	127.4	128.1	122.3	77.6	77.3	108.4	324.0	669.7	323.1
11:22:42	7:51:52	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.2	120.3	128.1	122.2	77.6	77.3	108.4	324.0	669.7	321.6
11:23:42	7:52:53	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.5	118.5	118.4	116.8	120.9	128.0	122.1	77.6	77.3	108.4	324.0	669.7	323.1
11:24:42	7:53:53	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	118.9	125.7	128.0	122.1	77.5	77.3	108.4	324.0	669.7	321.5
11:25:42	7:54:53	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.2	119.9	127.9	122.0	77.6	77.3	108.4	324.0	669.7	321.6
11:26:42	7:55:53	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.6	127.6	122.0	77.6	77.3	108.4	324.0	669.7	321.5

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11:27:42	7:56:53	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.7	118.6	118.4	118.3	123.1	127.6	121.9	77.6	77.3	108.4	324.0	669.7	321.6
11:28:42	7:57:53	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.0	119.1	127.5	121.8	77.6	77.3	108.4	324.0	669.7	321.6
11:29:42	7:58:53	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.5	117.5	127.5	121.7	77.6	77.3	108.4	324.0	669.7	321.8
11:30:43	7:59:53	28.9	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	117.8	124.4	127.5	121.7	77.6	77.3	108.3	324.0	669.7	321.5
11:31:43	8:00:53	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.5	127.3	121.6	77.6	77.3	108.4	324.0	669.7	321.6
11:32:43	8:01:53	28.9	29.0	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.6	118.4	117.0	119.4	127.3	121.5	77.5	77.2	108.3	324.0	669.7	321.6
11:33:43	8:02:54	28.9	29.0	29.9	73.4	99.3	117.8	118.3	118.1	117.0	118.5	118.5	118.3	117.3	122.3	127.2	121.5	77.6	77.2	108.4	324.0	669.7	321.6
11:34:43	8:03:54	28.9	29.0	29.9	73.4	98.7	118.0	118.7	118.3	117.2	118.6	118.6	118.4	122.0	136.1	127.1	121.4	77.6	77.2	108.4	324.0	669.7	321.6
11:35:43	8:04:54	28.9	29.0	29.9	73.4	98.2	118.2	118.8	118.4	117.4	118.9	118.8	118.6	121.8	132.9	127.1	121.3	77.5	77.2	108.4	324.0	669.7	321.6
11:36:43	8:05:54	28.9	29.0	29.9	73.8	98.8	118.2	118.8	118.4	117.4	118.9	118.8	118.6	116.9	118.3	127.0	121.2	77.5	77.2	108.4	324.0	669.7	321.5
11:37:43	8:06:54	28.9	29.0	29.9	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	116.0	115.4	126.9	121.2	77.6	77.2	108.4	324.0	669.7	321.5
11:38:43	8:07:54	28.9	29.0	29.9	73.9	99.3	118.0	118.6	118.3	117.3	118.6	118.6	118.4	115.8	115.2	126.9	121.1	77.6	77.2	108.3	324.0	669.7	321.6
11:39:44	8:08:54	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.6	115.2	126.9	121.1	77.6	77.2	108.3	324.0	669.7	321.6
11:40:44	8:09:54	28.9	29.0	29.9	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.9	128.3	126.8	120.9	77.5	77.2	108.3	324.0	669.7	321.6
11:41:44	8:10:55	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	118.0	122.9	126.7	120.9	77.5	77.1	108.3	324.0	669.7	321.6
11:42:44	8:11:55	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.6	118.6	126.7	120.8	77.5	77.2	108.3	324.0	669.7	321.6
11:43:44	8:12:55	28.9	29.0	29.9	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.3	121.0	133.8	126.6	120.7	77.5	77.2	108.3	324.0	669.7	321.6
11:44:44	8:13:55	28.9	29.0	29.9	73.9	98.9	118.2	118.8	118.4	117.4	118.9	118.8	118.6	123.6	139.8	126.6	120.6	77.5	77.1	108.3	324.0	669.7	321.6
11:45:44	8:14:55	28.9	29.0	29.9	73.9	98.6	118.3	118.9	118.5	117.5	119.1	118.9	118.7	118.4	122.8	126.6	120.6	77.5	77.1	108.3	324.0	669.7	320.1
11:46:44	8:15:55	28.9	29.0	29.9	73.9	98.8	118.2	118.8	118.5	117.4	118.9	118.8	118.7	116.2	115.9	126.6	120.5	77.5	77.1	108.3	324.0	669.7	321.6
11:47:44	8:16:55	28.9	29.0	29.9	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.2	126.5	120.5	77.5	77.1	108.3	324.0	669.7	320.0
11:48:45	8:17:55	28.9	29.0	29.9	73.9	99.2	118.1	118.7	118.3	117.3	118.6	118.7	118.5	115.7	115.3	126.5	120.4	77.5	77.1	108.3	324.0	669.7	320.1
11:49:45	8:18:55	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.5	118.5	118.4	115.5	115.2	126.5	120.3	77.5	77.1	108.2	324.0	669.7	320.1
11:50:45	8:19:55	28.9	29.0	29.9	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.0	128.7	126.3	120.2	77.5	77.1	108.2	324.0	669.7	320.1
11:51:45	8:20:56	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.6	118.5	118.4	117.8	122.8	126.3	120.2	77.5	77.1	108.2	324.0	669.7	320.1
11:52:45	8:21:56	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.3	129.0	126.4	120.1	77.5	77.1	108.2	324.0	669.7	320.1
11:53:45	8:22:56	28.9	29.0	29.9	73.8	99.1	118.1	118.7	118.3	117.3	118.8	118.7	118.5	121.9	134.2	126.5	120.0	77.5	77.1	108.2	324.0	669.7	320.0
11:54:45	8:23:56	28.9	29.0	29.9	73.9	99.1	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.9	118.7	126.3	119.8	77.5	77.1	108.2	324.0	669.7	320.1
11:55:45	8:24:56	28.9	29.0	29.9	73.9	99.3	118.0	118.6	118.3	117.3	118.6	118.6	118.4	115.7	115.2	126.2	119.8	77.5	77.1	108.1	324.0	669.7	320.1
11:56:45	8:25:56	28.9	29.0	29.9	73.8	99.5	117.9	118.5	118.2	117.2	118.5	118.5	118.4	115.5	114.9	126.0	119.8	77.5	77.0	108.1	324.0	669.7	320.1
11:57:46	8:26:56	28.9	29.0	29.9	73.8	99.6	117.9	118.5	118.2	117.1	118.4	118.4	118.3	119.3	129.0	125.9	119.8	77.5	77.0	108.1	324.0	669.7	320.0
11:58:46	8:27:56	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.2	117.2	118.5	118.5	118.3	117.8	122.2	125.8	119.6	77.4	77.0	108.1	324.0	669.7	320.1
11:59:46	8:28:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.4	116.6	118.3	125.9	119.6	77.5	77.0	108.1	324.0	669.7	320.1
12:00:46	8:29:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	128.8	125.9	119.6	77.4	77.0	108.1	324.0	669.7	320.1
12:01:46	8:30:57	28.9	29.0	29.9	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.6	121.2	125.8	119.5	77.4	76.9	108.0	324.0	669.7	320.1
12:02:46	8:31:57	28.9	29.0	29.9	73.9	99.5	117.9	118.5	118.2	117.2	118.5	118.5	118.3	116.7	118.2	125.7	119.3	77.4	76.9	108.0	324.0	669.7	320.1
12:03:46	8:32:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.5	125.7	119.3	77.4	76.9	108.1	324.0	669.7	320.0
12:04:46	8:33:57	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.4	118.2	122.7	125.6	119.3	77.4	76.8	108.0	324.0	669.7	320.0
12:05:47	8:34:57	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.0	118.9	125.6	119.3	77.5	76.9	108.0	324.0	669.7	320.1
12:06:47	8:35:57	28.9	29.0	29.9	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	116.3	117.7	125.5	119.2	77.4	76.8	108.0	324.0	669.7	320.1
12:07:47	8:36:57	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	127.4	125.4	119.1	77.4	76.8	108.0	324.0	669.7	320.1
12:08:47	8:37:58	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.5	120.7	125.4	122.4	77.4	76.8	108.8	324.0	669.7	320.0
12:09:47	8:38:58	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	118.1	125.4	122.4	77.4	76.8	108.3	324.0	669.7	320.1
12:10:47	8:39:58	28.9	29.0	29.9	73.8	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.7	126.8	125.4	122.3	77.4	76.8	108.2	324.0	669.7	320.0
12:11:47	8:40:58	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.4	123.6	125.4	122.3	77.4	76.8	108.3	324.0	669.7	320.1
12:12:47	8:41:58	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	117.0	119.2	125.4	122.2	77.4	76.8	108.2	324.0	669.7	320.1
12:13:47	8:42:58	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.9	130.5	125.3	122.1	77.3	76.8	108.3	324.0	669.7	320.1
12:14:48	8:43:58	28.9	29.0	29.9	73.9	99.0	118.1	118.8	118.4	117.3	118.8	118.7	118.5	123.2	138.8	125.3	122.1	77.4	76.8	108.4	324.0	669.7	320.1
12:15:48	8:44:58	28.9	29.0	29.9	73.9	98.7	118.3	118.9	118.5	117.4	119.0	118.8	118.6	118.3	122.3	125.1	122.0	77.4	76.8	108.3	324.0	669.7	320.0
12:16:48	8:45:58	28.9	29.0	29.9	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	116.1	115.8	125.1	121.9	77.4	76.8	108.3	324.0	669.7	320.1
12:17:48	8:46:59	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.7	118.7	118.5	115.8	115.1	125.0	121.8	77.3	76.8	108.3	324.0	669.7	320.1
12:18:48	8:47:59	28.9	29.0	29.9	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.1	124.9	121.7	77.3	76.8	108.2	324.0	669.7	320.1
12:19:48	8:48:59	28.9	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.4	118.3	118.8	127.3	124.9	121.7	77.3	76.8	108.2	324.0	669.7	320.1
12:20:48	8:49:59	28.9	29.0	29.9	73.5	99.0	117.9	118.5	118.2	117.2	118.6	118.5	118.4	118.3	124.0	124.9	121.6	77.3	76.8	108.2	324.0	669.7	320.1
12:21:48	8:50:59	28.9	29.0	29.9	73.4	98.9	117.9	118.5	118.2	117.2	118.6	118.5	118.4	116.9	119.1	124.8	121.5	77.3	76.7	108.2	324.0	669.7	320.1
12:22:48	8:51:59	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.4	129.0	124.6	121.5	77.3	76.7	108.2	324.0	669.7	320.1
12:23:49	8:52:59	28.9	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.1	122.7	124.6	121.4	77.2	76.7	108.2	324.0	669.7	320.1
12:24:49	8:53:59	28.9	29.0	29.9	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.4	116.9	118.8	124.6	121.3	77.3	76.7	108.2	324.0	669.7	320.1

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000091

12:25:49	8:54:59	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.4	123.0	124.5	121.2	77.2	76.7	108.2	324.0	669.7	320.1
12:26:49	8:56:00	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.9	125.5	124.4	121.1	77.2	76.7	108.2	324.0	669.7	320.1
12:27:49	8:57:00	28.9	29.0	29.9	73.4	98.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.3	119.9	124.4	121.1	77.2	76.7	108.1	324.0	669.7	320.1
12:28:49	8:58:00	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.6	117.8	124.3	121.0	77.2	76.6	108.1	324.0	669.7	320.0
12:29:49	8:59:00	28.9	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	120.0	130.9	124.2	120.9	77.2	76.6	108.1	324.0	669.7	320.1
12:30:49	9:00:00	28.9	29.0	29.9	73.4	98.6	118.0	118.7	118.3	117.2	118.8	118.7	118.5	123.1	139.3	124.1	120.8	77.2	76.7	108.1	324.0	669.7	318.5
12:31:49	9:01:00	28.9	29.0	29.9	73.4	97.8	118.4	119.1	118.6	117.5	119.0	118.8	118.7	120.3	127.8	124.1	120.8	77.2	76.6	108.1	324.0	669.7	320.1
12:32:49	9:02:00	28.9	29.0	29.9	73.9	98.5	118.3	118.9	118.6	117.5	119.0	118.8	118.7	116.6	116.8	127.8	120.8	77.2	76.7	108.2	324.0	669.7	320.1
12:33:50	9:03:00	28.9	29.0	29.9	73.9	98.8	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.0	115.2	129.0	120.7	77.2	76.7	108.1	324.0	669.7	320.1
12:34:50	9:04:00	28.9	29.0	29.9	73.9	99.2	118.1	118.7	118.3	117.3	118.7	118.7	118.5	115.8	115.2	128.9	120.5	77.1	76.7	108.1	324.0	669.7	320.1
12:35:50	9:05:00	28.8	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.6	115.3	128.8	120.5	77.1	76.8	108.1	324.0	669.7	320.1
12:36:50	9:06:01	28.8	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	115.6	117.4	128.7	120.5	77.2	76.7	108.0	324.0	669.7	320.1
12:37:50	9:07:01	28.8	29.0	29.9	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.4	128.0	128.9	120.4	77.1	76.8	108.1	324.0	669.7	320.0
12:38:50	9:08:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.2	120.4	128.7	120.3	77.1	76.7	107.9	324.0	669.7	318.5
12:39:50	9:09:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.9	130.7	128.7	120.2	77.1	76.8	108.0	324.0	669.7	318.6
12:40:50	9:10:01	28.8	29.0	29.9	73.4	98.7	118.0	118.7	118.3	117.2	118.7	118.6	118.4	119.6	127.1	128.7	120.2	77.2	76.7	108.0	324.0	669.7	318.6
12:41:50	9:11:01	28.8	29.0	29.9	73.4	98.6	118.0	118.7	118.3	117.2	118.7	118.6	118.4	117.0	118.5	128.6	120.1	77.2	76.7	108.0	324.0	669.7	318.5
12:42:51	9:12:01	28.8	29.0	29.9	73.4	98.8	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.7	115.3	128.6	120.1	77.2	76.7	107.9	324.0	669.7	318.6
12:43:51	9:13:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.4	120.5	128.6	119.8	77.1	76.7	107.9	324.0	669.7	318.6
12:44:51	9:14:01	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.0	126.3	128.5	119.8	77.1	76.7	107.9	324.0	669.7	318.6
12:45:51	9:15:02	28.8	29.0	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.5	118.5	118.3	117.0	119.7	128.4	119.8	77.1	76.7	107.9	324.0	669.7	318.6
12:46:51	9:16:02	28.8	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	116.2	117.3	128.4	119.7	77.1	76.7	107.8	324.0	669.7	318.6
12:47:51	9:17:02	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.4	128.3	119.7	77.1	76.7	107.8	324.0	669.7	318.5
12:48:51	9:18:02	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	117.5	120.9	128.3	119.6	77.0	76.7	107.9	324.0	669.7	318.6
12:49:51	9:19:02	28.8	29.0	29.9	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.3	128.2	119.6	77.1	76.6	107.8	324.0	669.7	318.6
12:50:51	9:20:02	28.8	29.0	29.9	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.6	118.4	120.1	128.8	128.3	119.5	77.1	76.7	107.9	324.0	669.7	318.6
12:51:51	9:21:02	28.8	29.0	29.9	73.9	99.3	118.0	118.7	118.3	117.2	118.7	118.7	118.5	117.2	119.2	128.2	119.3	77.1	76.7	107.9	324.1	669.7	318.6
12:52:52	9:22:02	28.8	29.0	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	115.3	114.6	128.2	119.3	77.1	76.7	107.8	324.0	669.7	318.6
12:53:52	9:23:02	28.8	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.3	115.1	114.6	128.1	119.2	77.0	76.7	107.7	324.0	669.7	318.5
12:54:52	9:24:02	28.8	29.0	29.9	73.4	99.2	117.8	118.3	118.1	117.1	118.4	118.4	118.2	119.6	128.9	128.0	119.2	77.1	76.7	107.7	324.0	669.7	318.6
12:55:52	9:25:03	28.8	29.0	29.9	73.9	99.9	117.8	118.3	118.1	117.0	118.6	118.5	118.3	118.1	125.2	128.1	119.1	77.1	76.7	107.8	324.0	669.7	318.6
12:56:52	9:26:03	28.8	29.0	29.9	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.7	124.4	127.9	121.5	77.1	76.6	109.3	324.0	669.7	318.6
12:57:52	9:27:03	28.8	29.0	29.9	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.1	119.4	127.9	122.4	77.1	76.6	108.1	324.0	669.7	318.6
12:58:52	9:28:03	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.4	117.5	127.9	122.4	77.1	76.7	108.1	324.0	669.7	318.6
12:59:52	9:29:03	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.0	127.7	122.3	77.1	76.6	108.1	324.0	669.7	318.6
13:00:52	9:30:03	28.8	29.0	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.7	121.5	127.7	122.2	77.1	76.6	108.1	324.0	669.7	318.6
13:01:53	9:31:03	28.8	29.0	29.9	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.6	118.3	127.5	122.1	77.0	76.6	108.1	324.0	669.7	317.1
13:02:53	9:32:03	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.5	118.5	118.3	119.9	128.8	127.6	122.1	77.1	76.6	108.1	324.0	669.7	318.6
13:03:53	9:33:04	28.8	29.0	29.8	73.8	99.4	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.8	121.4	127.4	122.0	77.1	76.4	108.1	324.0	669.7	317.0
13:04:53	9:34:04	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.3	127.4	121.9	77.0	76.4	108.1	324.0	669.7	317.2
13:05:53	9:35:04	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.1	127.4	122.0	77.1	76.6	108.1	324.0	669.7	317.0
13:06:53	9:36:04	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.9	127.4	121.8	77.1	76.6	108.1	324.0	669.7	317.1
13:07:53	9:37:04	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.6	121.4	127.3	121.7	77.0	76.4	108.1	324.0	669.7	317.1
13:08:53	9:38:04	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.3	131.3	127.3	121.6	77.0	76.4	108.1	324.1	669.7	317.1
13:09:54	9:39:04	28.8	29.0	29.8	73.9	99.2	118.1	118.8	118.3	117.2	118.8	118.6	118.4	123.3	139.6	127.1	121.6	77.1	76.4	108.1	324.0	669.7	317.1
13:10:54	9:40:04	28.8	29.0	29.8	73.9	98.6	118.3	118.9	118.5	117.5	119.0	118.9	118.7	119.6	126.1	127.2	121.5	77.0	76.4	108.1	324.0	669.7	317.1
13:11:54	9:41:04	28.8	29.0	29.8	73.9	98.5	118.3	118.9	118.6	117.5	119.0	118.8	118.7	116.4	116.4	127.2	121.5	77.1	76.4	108.1	324.0	669.7	317.0
13:12:54	9:42:05	28.8	29.0	29.8	73.9	99.0	118.1	118.8	118.4	117.3	118.8	118.7	118.6	115.9	115.1	127.1	121.3	77.0	76.4	108.1	324.0	669.7	317.1
13:13:54	9:43:05	28.8	29.0	29.8	73.9	99.2	118.1	118.7	118.3	117.3	118.7	118.7	118.5	115.9	115.3	127.2	121.3	77.1	76.4	108.1	324.0	669.7	317.1
13:14:54	9:44:05	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.2	117.2	118.6	118.6	118.4	115.6	115.3	127.1	121.2	77.0	76.6	108.1	324.0	669.7	317.1
13:15:54	9:45:05	28.8	29.0	29.8	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	115.3	115.8	127.0	121.1	77.0	76.6	108.0	324.0	669.7	317.0
13:16:54	9:46:05	28.8	29.0	29.8	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.6	129.1	127.0	121.1	77.0	76.4	108.0	324.0	669.7	317.1
13:17:54	9:47:05	28.8	29.0	29.8	73.9	99.7	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.7	127.4	126.9	121.0	77.0	76.4	108.0	324.0	669.7	317.1
13:18:55	9:48:05	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.3	123.7	126.7	120.9	77.0	76.6	108.1	324.0	669.7	317.1
13:19:55	9:49:05	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.0	119.1	126.6	120.8	77.0	76.6	108.0	324.0	669.7	317.1
13:20:55	9:50:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.3	126.5	120.8	77.0	76.4	108.0	324.0	669.7	317.0
13:21:55	9:51:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	120.3	131.6	126.4	120.7	77.0	76.4	107.9	324.0	669.7	317.1
13:22:55	9:52:06	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.6	124.0	126.4	120.6	77.0	76.4	108.0	324.0	669.7	317.1

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13:23:55	9:53:06	28.8	29.0	29.8	73.9	99.3	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.2	119.5	126.4	120.6	77.1	76.4	107.9	324.0	669.7	317.1
13:24:55	9:54:06	28.8	29.0	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.5	117.6	126.3	120.5	77.0	76.4	107.9	324.0	669.7	317.1
13:25:55	9:55:06	28.8	29.0	29.8	73.9	99.9	117.8	118.3	118.1	117.0	118.5	118.5	118.3	116.1	118.3	126.2	120.4	77.0	76.4	107.9	324.0	669.7	317.1
13:26:55	9:56:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	129.1	126.2	120.4	77.0	76.4	107.9	324.0	669.7	317.1
13:27:55	9:57:06	28.8	29.0	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.6	121.3	126.1	120.3	77.0	76.4	107.9	324.0	669.7	317.0
13:28:55	9:58:06	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.6	118.4	116.7	118.3	126.2	120.2	77.0	76.4	107.9	324.0	669.7	317.1
13:29:55	9:59:07	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.4	126.1	120.1	76.9	76.4	107.9	324.0	669.7	317.1
13:30:55	10:00:07	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.6	118.4	118.1	122.5	126.1	120.1	77.0	76.4	107.9	324.0	669.7	317.1
13:31:55	10:01:07	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.6	118.4	116.9	118.8	126.1	120.0	76.9	76.4	107.9	324.0	669.7	317.1
13:32:55	10:02:07	28.8	29.0	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	117.3	125.9	119.8	77.0	76.4	107.8	324.0	669.7	317.0
13:33:55	10:03:07	28.8	28.9	29.8	73.9	99.9	117.8	118.3	118.1	117.0	118.4	118.4	118.2	118.6	126.9	125.9	119.8	77.0	76.3	107.8	324.0	669.7	317.1
13:34:55	10:04:07	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.3	123.7	125.8	119.8	77.0	76.4	107.8	324.0	669.7	317.1
13:35:55	10:05:07	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	126.9	125.7	119.7	77.0	76.4	107.7	324.0	669.7	317.0
13:36:57	10:06:07	28.8	29.0	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.8	118.7	118.4	122.7	138.0	125.8	119.6	76.9	76.4	107.8	324.0	669.7	317.1
13:37:57	10:07:07	28.8	29.0	29.8	73.9	98.7	118.3	118.9	118.5	117.4	119.0	118.8	118.6	120.5	128.9	125.6	119.5	76.9	76.4	107.8	324.0	669.7	317.0
13:38:57	10:08:08	28.8	29.0	29.8	73.9	98.6	118.3	118.9	118.5	117.5	119.0	118.9	118.7	116.6	117.0	125.6	119.5	76.9	76.4	107.8	324.0	669.7	317.1
13:39:57	10:09:08	28.8	28.9	29.8	73.9	98.8	118.2	118.8	118.5	117.4	118.8	118.8	118.5	116.0	115.2	125.4	119.5	77.0	76.4	107.7	324.0	669.7	317.1
13:40:57	10:10:08	28.8	28.9	29.8	73.9	99.1	118.1	118.7	118.4	117.3	118.7	118.7	118.4	115.8	115.2	125.4	119.3	77.0	76.4	107.7	324.0	669.7	317.1
13:41:57	10:11:08	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.6	115.2	125.4	119.3	77.0	76.3	107.7	324.0	669.7	317.1
13:42:57	10:12:08	28.8	28.9	29.8	73.9	99.9	117.8	118.3	118.1	117.0	118.4	118.4	118.3	117.8	125.0	125.3	119.2	76.9	76.3	107.6	324.0	669.7	317.0
13:43:57	10:13:08	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	118.3	124.3	125.3	119.2	76.9	76.4	107.6	324.0	669.7	317.1
13:44:53	10:14:08	28.8	28.9	29.8	73.8	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	120.2	125.4	119.0	76.9	76.4	107.7	324.0	669.7	317.1
13:45:53	10:15:08	28.8	28.9	29.8	73.9	99.6	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.6	131.1	125.3	122.3	76.9	76.4	108.3	324.0	669.7	317.1
13:46:53	10:16:09	28.8	28.9	29.8	73.9	99.3	118.0	118.7	118.3	117.2	118.7	118.6	118.4	118.1	122.3	125.2	122.3	76.9	76.4	107.9	324.0	669.7	317.1
13:47:53	10:17:09	28.8	28.9	29.8	73.9	99.3	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.0	118.8	125.1	122.2	76.9	76.4	107.9	324.0	669.7	317.1
13:48:53	10:18:09	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.4	117.3	125.2	122.1	76.9	76.4	107.9	324.0	669.7	317.0
13:49:53	10:19:09	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.2	122.4	125.1	122.1	76.9	76.4	107.9	324.0	669.7	317.1
13:50:53	10:20:09	28.8	28.9	29.8	73.9	99.3	118.0	118.7	118.3	117.2	118.6	118.6	118.4	121.8	135.9	125.0	122.0	76.9	76.4	107.9	324.0	669.7	317.1
13:51:53	10:21:09	28.8	28.9	29.8	73.9	98.8	118.2	118.8	118.5	117.4	118.9	118.8	118.6	122.2	134.2	125.0	121.9	76.9	76.4	108.0	324.0	669.7	317.1
13:52:59	10:22:09	28.8	28.9	29.8	73.9	98.6	118.3	118.9	118.5	117.5	119.0	118.8	118.6	117.1	118.7	124.9	121.9	76.9	76.4	108.0	324.0	669.7	317.1
13:53:59	10:23:09	28.8	28.9	29.8	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.3	124.9	121.7	76.8	76.4	108.0	324.0	669.7	315.5
13:54:59	10:24:09	28.8	28.9	29.8	73.9	99.2	118.1	118.7	118.3	117.3	118.6	118.5	118.4	115.7	115.1	124.9	121.8	76.9	76.4	107.9	324.0	669.7	317.1
13:55:59	10:25:10	28.8	28.9	29.8	73.9	99.4	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.6	115.1	124.8	121.7	76.9	76.4	107.9	324.0	669.7	315.5
13:56:59	10:26:10	28.8	28.9	29.8	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	118.6	127.1	124.7	121.6	76.9	76.4	107.9	324.0	669.7	315.6
13:57:59	10:27:10	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.1	123.4	124.7	121.5	76.8	76.4	107.9	324.0	669.7	315.5
13:58:59	10:28:10	28.8	28.9	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.4	120.1	131.4	124.7	121.4	76.8	76.4	108.0	324.0	669.7	315.6
13:59:59	10:29:10	28.8	28.9	29.8	73.9	99.0	118.1	118.8	118.4	117.3	118.8	118.7	118.6	122.6	136.7	124.6	121.3	76.8	76.4	108.0	324.0	669.7	315.5
14:00:59	10:30:10	28.8	28.9	29.8	73.9	98.8	118.2	118.8	118.4	117.4	119.0	118.8	118.7	117.4	120.1	124.6	121.2	76.8	76.4	108.0	324.0	669.7	315.5
14:02:00	10:31:10	28.8	28.9	29.8	73.9	98.9	118.2	118.8	118.4	117.4	118.8	118.7	118.6	115.9	115.5	124.5	121.2	76.8	76.4	107.9	324.0	669.7	315.5
14:03:00	10:32:10	28.8	28.9	29.8	73.9	99.3	118.0	118.6	118.3	117.3	118.7	118.6	118.5	115.7	115.1	124.5	121.1	76.8	76.4	107.9	324.0	669.7	315.5
14:04:00	10:33:10	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.4	115.0	124.5	121.0	76.8	76.4	107.9	324.0	669.7	315.6
14:05:00	10:34:11	28.8	28.9	29.8	73.9	99.8	117.8	118.3	118.1	117.1	118.5	118.5	118.3	119.6	129.3	124.4	121.0	76.8	76.4	107.9	324.0	669.7	315.6
14:06:00	10:35:11	28.8	28.9	29.8	73.9	99.4	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.6	121.8	124.5	120.9	76.9	76.4	107.9	324.0	669.7	315.5
14:07:00	10:36:11	28.8	28.9	29.8	73.4	99.2	117.8	118.3	118.1	117.1	118.5	118.5	118.4	116.5	119.6	124.3	120.8	76.8	76.4	107.9	324.0	669.7	315.5
14:08:00	10:37:11	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.6	118.5	118.4	119.2	126.7	124.2	120.8	76.9	76.4	107.9	324.0	669.7	315.6
14:09:00	10:38:11	28.8	28.9	29.8	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.2	120.1	124.1	120.7	76.8	76.4	107.8	324.0	669.7	315.6
14:10:01	10:39:11	28.8	28.9	29.8	73.9	99.7	117.9	118.5	118.1	117.1	118.5	118.5	118.3	116.4	118.1	124.1	120.6	76.8	76.4	107.8	324.1	669.7	315.5
14:11:01	10:40:11	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.4	119.4	127.2	128.6	120.5	76.8	76.4	107.9	324.0	669.7	315.5
14:12:01	10:41:11	28.8	28.9	29.8	73.9	99.4	118.0	118.7	118.3	117.2	118.6	118.6	118.4	117.4	120.5	129.1	120.5	76.9	76.4	107.9	324.0	669.7	315.5
14:13:01	10:42:12	28.8	28.9	29.8	73.9	99.5	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.6	118.0	128.7	120.4	76.9	76.4	107.8	324.1	669.7	315.6
14:14:01	10:43:12	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	119.4	128.8	120.4	76.9	76.4	107.8	324.1	669.7	315.6
14:15:01	10:44:12	28.8	28.9	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	120.0	129.1	128.8	120.3	76.9	76.4	107.9	324.0	669.7	315.6
14:16:01	10:45:12	28.8	28.9	29.8	73.4	98.8	118.0	118.6	118.2	117.2	118.6	118.6	118.4	117.6	121.3	128.7	120.2	76.9	76.4	107.8	324.0	669.7	314.1
14:17:01	10:46:12	28.8	28.9	29.8	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.7	118.3	128.7	120.1	76.9	76.4	107.8	324.0	669.7	314.0
14:18:01	10:47:12	28.8	28.9	29.8	73.4	99.1	117.9	118.5	118.1	117.1	118.5	118.5	118.3	119.4	128.6	128.6	120.1	76.9	76.4	107.8	324.0	669.7	314.0
14:19:02	10:48:12	28.8	28.9	29.8	73.4	98.9	117.9	118.6	118.2	117.1	118.6	118.6	118.4	118.1	122.7	128.6	120.0	76.9	76.4	107.8	324.1	669.7	315.5
14:20:02	10:49:12	28.8	28.9	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.6	118.5	118.3	116.9	118.8	128.5	119.8	76.9	76.4	107.8	324.0	669.7	314.1
14:21:02	10:50:13	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.4	118.3	116.3	117.3	128.5	119.8	76.9	76.4	107.7	324.0	669.7	314.1

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14:22:02	10:51:13	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.7	128.6	119.8	76.9	76.6	107.8	324.0	669.7	315.6
14:23:02	10:52:13	28.8	28.9	29.8	73.9	99.6	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.6	121.2	128.5	119.7	76.8	76.6	107.8	324.0	669.7	314.0
14:24:02	10:53:13	28.8	28.9	29.8	73.9	99.5	118.0	118.6	118.2	117.2	118.5	118.5	118.3	118.8	127.0	128.4	119.6	76.9	76.6	107.8	324.0	669.7	314.0
14:25:02	10:54:13	28.8	28.9	29.8	73.4	98.5	118.1	118.7	118.4	117.3	118.8	118.7	118.4	122.5	137.0	128.4	119.6	76.9	76.6	107.8	324.0	669.7	314.1
14:26:02	10:55:13	28.8	28.9	29.8	73.4	98.3	118.2	118.8	118.4	117.4	118.9	118.7	118.6	117.8	121.2	128.3	119.5	76.9	76.6	107.8	324.0	669.7	314.1
14:27:03	10:56:13	28.8	28.9	29.8	73.4	98.6	118.1	118.7	118.3	117.3	118.8	118.7	118.5	115.9	115.6	128.3	119.3	76.8	76.6	107.8	324.0	669.7	314.1
14:28:03	10:57:13	28.8	28.9	29.8	73.9	99.4	118.0	118.6	118.2	117.2	118.7	118.6	118.4	115.6	115.0	128.2	119.3	76.8	76.6	107.7	324.0	669.7	314.0
14:29:03	10:58:13	28.8	28.9	29.8	73.4	99.1	117.9	118.3	118.2	117.1	118.5	118.5	118.3	115.4	115.1	128.2	119.3	76.9	76.6	107.7	324.0	669.7	314.0
14:30:03	10:59:14	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.9	128.1	119.2	76.9	76.6	107.7	324.0	669.7	314.0

EXPOSURE(2) SUMMARY 06/09/2015 01:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:49	11:00:00	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.7	122.3	128.1	119.2	76.8	76.6	107.6	324.0	669.7	314.0

START PRESS: 0028.8 MAX PRESS: 0029.0 MAX TEMP: 119.1 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.6 MAX GAS TEMP: 086.4
END PRESS: 0028.8 MIN PRESS: 0028.7 MIN TEMP: 118.1 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.8
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.2
EO USED PHASE: 000.1 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/09/2015 01:50:28

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:49	0:00:00	28.8	28.9	29.8	73.4	99.0	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.7	122.3	128.1	119.2	76.8	76.6	107.6	324.0	669.7	314.0
14:31:49	0:01:00	28.1	28.2	29.8	72.5	98.4	117.7	118.3	117.9	116.9	118.4	118.3	118.1	118.6	124.5	128.0	119.1	76.9	85.5	107.6	324.0	669.7	309.5
14:32:50	0:02:00	27.4	27.5	29.8	71.6	97.3	117.6	118.2	117.9	116.8	118.3	118.2	118.0	118.8	126.4	128.0	122.3	76.8	87.9	108.9	324.0	669.7	300.4
14:33:50	0:03:00	26.7	26.9	29.8	69.8	94.8	117.6	118.3	117.9	116.8	118.3	118.2	118.0	119.4	127.7	128.0	122.4	76.9	89.3	108.1	324.0	669.7	293.0
14:34:50	0:04:00	26.0	26.1	29.8	68.9	93.7	117.6	118.3	117.8	116.7	118.3	118.2	117.9	119.8	127.1	127.9	122.4	76.9	90.4	108.1	324.0	669.7	285.4
14:35:50	0:05:00	25.3	25.5	29.8	67.5	91.8	117.6	118.3	117.8	116.7	118.3	118.1	117.8	119.6	126.1	127.9	122.3	76.9	91.0	108.1	324.0	669.7	277.9
14:36:50	0:06:01	24.7	24.8	29.8	66.6	90.8	117.5	118.2	117.8	116.6	118.3	118.1	117.8	119.3	125.1	127.8	122.3	76.9	91.3	108.1	324.0	669.7	270.4
14:37:50	0:07:01	24.0	24.1	29.8	65.2	88.8	117.5	118.3	117.8	116.6	118.3	118.1	117.8	119.2	125.1	127.8	122.2	76.9	91.8	108.1	324.0	669.7	262.8
14:38:50	0:08:01	23.3	23.5	29.8	63.9	87.0	117.5	118.3	117.8	116.6	118.3	118.1	117.8	119.4	126.9	127.7	122.1	76.9	91.8	108.1	324.0	669.7	255.3
14:39:50	0:09:01	22.6	22.8	29.8	63.0	85.7	117.5	118.3	117.8	116.6	118.3	118.1	117.8	120.0	127.9	127.5	122.0	76.9	92.0	108.1	324.0	669.7	246.3
14:40:50	0:10:01	22.0	22.1	29.8	62.1	84.5	117.5	118.3	117.8	116.6	118.3	118.1	117.8	120.3	127.7	127.5	122.0	76.9	92.1	108.2	324.0	669.7	240.3
14:41:51	0:11:01	21.3	21.4	29.8	60.7	82.7	117.5	118.3	117.8	116.6	118.3	118.1	117.8	120.3	127.8	127.4	121.9	76.9	92.4	108.2	324.0	669.7	232.7
14:42:51	0:12:01	20.6	20.7	29.8	59.8	81.5	117.5	118.3	117.8	116.5	118.4	118.1	117.8	120.5	128.1	127.4	121.9	76.9	92.7	108.2	324.0	669.7	225.2

STERILANT REMOVAL SUMMARY 06/09/2015 02:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:58	0:12:00	20.5	20.6	29.8	59.3	80.8	117.5	118.3	117.8	116.5	118.3	118.0	117.7	120.4	127.5	127.4	121.8	76.9	92.7	108.2	324.0	669.7	223.7

START PRESS: 0028.8 MAX PRESS: 0028.8 MAX TEMP: 118.6 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.1 MAX GAS TEMP: 077.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.4 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:1/6) 06/09/2015 02:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:58	0:00:00	20.5	20.6	29.8	59.3	80.8	117.5	118.3	117.8	116.5	118.3	118.0	117.7	120.4	127.5	127.4	121.8	76.9	92.7	108.2	324.0	669.7	223.7
14:44:58	0:02:00	23.1	23.3	29.8	62.5	83.0	118.5	119.2	118.8	117.5	119.2	119.1	118.8	120.0	126.1	127.2	121.6	104.0	89.9	108.1	324.0	669.7	235.7
14:46:58	0:04:00	25.9	26.0	29.8	62.0	81.5	118.9	119.6	119.2	118.0	119.6	119.4	119.2	120.3	126.7	127.2	121.3	111.3	87.6	108.2	324.0	669.7	228.2

POST N2 WASH(1) (Loop:1/6) SUMMARY 06/09/2015 02:08:31

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000094

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:52	0:05:54	28.5	28.6	29.8	61.6	80.4	119.2	119.8	119.4	118.3	119.9	119.7	119.6	120.3	127.0	127.2	121.0	112.4	85.8	108.1	324.0	669.7	214.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 112.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.1 MIN GAS TEMP: 076.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.0

POST EVACUATION(1) (Loop:1/6) 06/09/2015 02:08:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:52	0:00:00	28.5	28.6	29.8	61.6	80.4	119.2	119.8	119.4	118.3	119.9	119.7	119.6	120.3	127.0	127.2	121.0	112.4	85.8	108.1	324.0	669.7	214.6
14:50:52	0:02:00	25.8	26.0	29.8	55.2	74.5	117.9	118.7	118.1	117.0	118.7	118.4	118.2	120.3	127.6	126.9	120.8	106.0	94.0	108.2	324.0	669.7	180.0
14:52:52	0:04:00	23.0	23.2	29.8	51.6	70.2	117.6	118.3	117.8	116.6	118.3	118.0	117.8	120.6	128.0	126.9	120.7	99.8	96.4	108.1	324.0	669.7	158.9

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/09/2015 02:14:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:47	0:05:54	20.5	20.6	29.8	48.9	66.9	117.3	118.2	117.5	116.4	118.1	117.8	117.5	120.4	128.0	126.9	120.6	95.3	97.3	108.2	324.0	669.7	143.8

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 119.9 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.2 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.7 MIN GAS TEMP: 095.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.5

POST N2 WASH(1) (Loop:2/6) 06/09/2015 02:14:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:47	0:00:00	20.5	20.6	29.8	48.9	66.9	117.3	118.2	117.5	116.4	118.1	117.8	117.5	120.4	128.0	126.9	120.6	95.3	97.3	108.2	324.0	669.7	143.8
14:56:47	0:02:00	23.2	23.3	29.8	51.6	68.3	118.6	119.4	118.9	117.7	119.4	119.2	118.9	120.4	128.0	126.7	120.4	107.3	92.9	108.1	324.0	669.7	154.7
14:58:47	0:04:00	25.9	26.0	29.8	52.1	68.3	118.9	119.7	119.2	118.0	119.8	119.5	119.4	120.4	128.0	126.7	120.1	111.4	89.5	108.0	324.0	669.7	152.9

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/09/2015 02:20:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:40	0:05:54	28.5	28.6	29.8	52.1	67.8	119.2	119.9	119.4	118.4	120.0	119.7	119.6	119.9	127.5	126.4	119.8	111.8	87.0	108.0	324.0	669.7	145.4

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.9 MAX GAS TEMP: 111.8
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.3 MIN GAS TEMP: 095.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.8

POST EVACUATION(1) (Loop:2/6) 06/09/2015 02:20:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:40	0:00:00	28.5	28.6	29.8	52.1	67.8	119.2	119.9	119.4	118.4	120.0	119.7	119.6	119.9	127.5	126.4	119.8	111.8	87.0	108.0	324.0	669.7	145.4
15:02:40	0:02:00	25.8	25.9	29.8	47.1	63.3	118.0	118.8	118.1	117.1	118.7	118.4	118.2	119.6	126.7	126.2	119.6	106.2	94.2	108.0	324.0	669.7	121.3
15:04:40	0:04:00	23.1	23.2	29.8	44.8	60.9	117.6	118.3	117.8	116.7	118.4	118.0	117.8	119.4	125.9	126.2	119.5	100.6	96.9	107.9	324.0	669.7	109.2

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/09/2015 02:26:12

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000095

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
15:06:33	0:05:33	20.5	20.6	29.8	43.4	59.4	117.3	118.2	117.5	116.4	118.2	117.8	117.6	119.2	123.8	126.1	119.3	96.4	98.3	107.9	324.0	669.7	101.7

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.0 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.4 MAX GAS TEMP: 111.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.0 MIN GAS TEMP: 096.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.3

POST N2 WASH(1) (Loop:3/6) 06/09/2015 02:26:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:33	0:00:00	20.5	20.6	29.8	43.4	59.4	117.3	118.2	117.5	116.4	118.2	117.8	117.6	119.2	123.8	126.1	119.3	96.4	98.3	107.9	324.0	669.7	101.7
15:08:33	0:02:00	23.2	23.3	29.8	46.2	61.0	118.7	119.4	118.9	117.7	119.5	119.2	119.0	119.2	124.0	125.8	119.1	106.7	94.3	107.9	324.0	669.7	110.7
15:10:33	0:04:00	25.9	26.0	29.8	46.6	61.0	119.1	119.7	119.3	118.2	119.8	119.5	119.5	119.2	122.8	125.8	122.4	112.2	90.8	108.2	324.0	669.7	110.7

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/09/2015 02:32:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:26	0:05:58	28.5	28.6	29.8	47.1	61.2	119.3	119.9	119.5	118.5	120.0	119.8	119.7	119.8	124.3	125.8	122.1	113.6	88.3	108.2	324.0	669.7	106.3

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.1 MAX GAS TEMP: 113.6
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.7 MIN GAS TEMP: 096.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:3/6) 06/09/2015 02:32:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:26	0:00:00	28.5	28.6	29.8	47.1	61.2	119.3	119.9	119.5	118.5	120.0	119.8	119.7	119.8	124.3	125.8	122.1	113.6	88.3	108.2	324.0	669.7	106.3
15:14:26	0:02:00	25.8	25.9	29.8	43.0	57.8	118.0	118.8	118.1	117.2	118.8	118.5	118.4	119.8	124.7	125.6	122.0	107.9	95.5	108.2	324.0	669.7	91.2
15:16:26	0:04:00	23.1	23.2	29.8	41.2	55.8	117.7	118.5	117.8	116.8	118.4	118.1	118.0	119.9	125.1	125.5	121.8	102.2	98.3	108.2	324.0	669.7	80.7

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/09/2015 02:37:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:19	0:05:53	20.5	20.6	29.8	39.8	54.3	117.4	118.3	117.6	116.5	118.2	117.8	117.7	120.4	126.9	125.4	121.7	97.9	99.7	108.1	324.0	669.7	77.6

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.8 MAX GAS TEMP: 113.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.4 MIN GAS TEMP: 097.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.7

POST N2 WASH(1) (Loop:4/6) 06/09/2015 02:37:59

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:19	0:00:00	20.5	20.6	29.8	39.8	54.3	117.4	118.3	117.6	116.5	118.2	117.8	117.7	120.4	126.9	125.4	121.7	97.9	99.7	108.1	324.0	669.7	77.6
15:20:20	0:02:00	23.2	23.3	29.8	42.5	56.2	118.7	119.4	118.9	117.8	119.5	119.2	119.1	120.4	126.8	125.3	121.5	108.5	96.0	108.1	324.1	669.7	85.2
15:22:20	0:04:00	25.9	26.0	29.8	43.4	56.8	119.1	119.8	119.3	118.2	119.9	119.6	119.6	120.3	126.7	125.2	121.1	112.5	92.6	108.1	324.0	669.7	86.7

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/09/2015 02:43:52

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000096

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:24:13	0:09:53	28.5	28.6	29.8	43.9	57.1	119.3	119.9	119.5	118.5	120.1	119.8	119.8	120.5	127.7	125.1	120.9	113.0	90.0	108.1	324.0	669.7	83.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.4 MAX GAS TEMP: 113.0
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.1 MIN GAS TEMP: 097.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.9

POST EVACUATION(1) (Loop:4/6) 06/09/2015 02:43:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:24:13	0:00:00	28.5	28.6	29.8	43.9	57.1	119.3	119.9	119.5	118.5	120.1	119.8	119.8	120.5	127.7	125.1	120.9	113.0	90.0	108.1	324.0	669.7	83.6
15:26:13	0:02:00	25.8	25.9	29.8	40.2	54.1	118.0	118.8	118.2	117.2	118.8	118.4	118.4	120.5	128.1	125.1	120.7	107.5	96.0	108.0	324.0	669.7	71.6
15:28:13	0:04:00	23.0	23.1	29.8	38.4	52.2	117.6	118.3	117.8	116.8	118.4	118.0	118.0	120.3	127.7	124.9	120.6	102.1	98.7	108.0	324.0	669.7	64.1

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/09/2015 02:49:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:07	0:05:55	20.5	20.6	29.8	37.1	50.6	117.4	118.3	117.6	116.5	118.2	117.8	117.7	119.9	127.3	124.9	120.5	97.9	99.7	108.0	324.0	669.7	61.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.2 MAX GAS TEMP: 113.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.8 MIN GAS TEMP: 097.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.4

POST N2 WASH(1) (Loop:5/6) 06/09/2015 02:49:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:30:08	0:00:00	20.5	20.6	29.8	37.1	50.6	117.4	118.3	117.6	116.5	118.2	117.8	117.7	119.9	127.3	124.9	120.5	97.9	99.7	108.0	324.0	669.7	61.1
15:32:08	0:02:00	23.2	23.3	29.8	39.8	52.5	118.7	119.4	119.0	117.8	119.5	119.2	119.2	119.8	127.1	124.7	120.3	107.7	96.2	107.9	324.0	669.7	70.1
15:34:08	0:04:00	25.9	26.1	29.8	40.7	53.2	119.1	119.8	119.3	118.3	120.0	119.6	119.7	119.8	126.8	124.7	120.0	111.6	92.8	107.9	324.0	669.7	70.1

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/09/2015 02:55:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:36:00	0:05:53	28.5	28.6	29.8	41.2	53.3	119.4	120.1	119.6	118.7	120.1	119.9	119.9	119.0	124.5	124.7	119.7	112.1	90.3	107.8	324.0	669.7	68.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 112.1
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.6 MIN GAS TEMP: 097.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.7

POST EVACUATION(1) (Loop:5/6) 06/09/2015 02:55:40

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:36:00	0:00:00	28.5	28.6	29.8	41.2	53.3	119.4	120.1	119.6	118.7	120.1	119.9	119.9	119.0	124.5	124.7	119.7	112.1	90.3	107.8	324.0	669.7	68.6
15:38:00	0:02:00	25.8	25.9	29.8	38.0	50.9	118.2	118.8	118.3	117.4	118.8	118.5	118.5	119.0	123.8	124.5	119.6	106.8	95.9	107.9	324.0	669.7	58.0
15:40:00	0:04:00	23.1	23.2	29.8	36.2	49.0	117.7	118.5	117.9	116.9	118.5	118.1	118.1	119.0	123.4	124.4	119.3	101.5	98.6	107.8	324.0	669.7	53.5

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/09/2015 03:01:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

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15:41:53	0:05:53	20.5	20.6	29.8	35.3	48.0	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.6	123.8	124.3	119.3	97.5	99.8	107.8	324.0	669.7	52.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.7 MAX GAS TEMP: 112.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.3 MIN GAS TEMP: 097.5
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.3

POST N2 WASH(1) (Loop:6/6) 06/09/2015 03:01:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:41:53	0:00:00	20.5	20.6	29.8	35.3	48.0	117.5	118.3	117.7	116.6	118.3	117.9	117.8	119.6	123.8	124.3	119.3	97.5	99.8	107.8	324.0	669.7	52.0
15:43:53	0:02:00	23.2	23.3	29.8	38.0	50.0	118.8	119.6	119.0	118.0	119.6	119.3	119.3	119.6	124.4	124.3	119.1	106.9	96.3	107.7	324.0	669.7	58.1
15:45:54	0:04:00	25.9	26.0	29.8	38.9	50.7	119.2	119.9	119.4	118.4	120.0	119.7	119.7	119.6	124.5	124.3	122.2	112.5	92.8	108.0	324.1	669.7	59.6

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/09/2015 03:07:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:48	0:06:54	28.5	28.6	29.8	39.3	51.0	119.4	120.1	119.6	118.7	120.2	119.9	120.0	119.8	125.3	124.2	122.0	113.7	90.3	108.0	324.1	669.7	58.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.4 MAX GAS TEMP: 113.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.2 MIN GAS TEMP: 097.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:6/6) 06/09/2015 03:07:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:47:48	0:00:00	28.5	28.6	29.8	39.3	51.0	119.4	120.1	119.6	118.7	120.2	119.9	120.0	119.8	125.3	124.2	122.0	113.7	90.3	108.0	324.1	669.7	58.1
15:49:48	0:02:00	25.8	25.9	29.8	36.2	48.4	118.2	118.8	118.3	117.4	118.9	118.5	118.6	120.0	125.5	124.1	121.9	108.1	95.7	108.0	324.0	669.7	50.5
15:51:48	0:04:00	23.1	23.2	29.8	34.8	47.1	117.8	118.6	117.9	117.0	118.6	118.2	118.2	120.3	126.1	129.4	121.7	102.6	98.3	108.0	324.0	669.7	44.5

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/09/2015 03:13:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:40	0:05:[illegible]	20.5	20.6	29.8	33.9	46.2	117.5	118.3	117.6	116.6	118.4	118.0	117.9	120.3	127.5	129.2	121.6	98.3	99.4	108.0	324.0	669.7	43.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.7 MAX GAS TEMP: 113.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 098.3
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.6

AIR BACKFILL(1) (Loop:1/12) 06/09/2015 03:13:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:53:40	0:00:00	20.5	20.6	29.8	33.9	46.2	117.5	118.3	117.6	116.6	118.4	118.0	117.9	120.3	127.5	129.2	121.6	98.3	99.4	108.0	324.0	669.7	43.0
15:55:40	0:02:00	23.3	23.4	29.8	36.6	48.5	118.6	119.6	119.1	117.1	119.7	119.5	118.5	120.3	127.7	129.3	121.4	94.7	95.9	108.0	324.0	669.7	50.5
15:57:40	0:04:00	26.0	26.1	29.8	38.0	49.9	118.9	119.9	119.5	117.2	120.0	119.8	118.5	120.3	127.7	129.1	121.3	91.8	92.6	107.9	324.0	669.7	52.0
15:59:40	0:06:00	28.6	28.7	29.8	38.9	51.0	119.0	120.1	119.7	117.2	120.2	120.0	118.5	120.3	127.7	129.2	121.1	89.4	89.8	107.8	324.0	669.7	50.5

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/09/2015 03:19:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

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15:59:53 0:06:13 28.9 29.0 29.8 38.9 50.9 119.0 120.2 119.8 117.2 120.2 120.0 118.4 120.3 126.5 129.2 121.1 89.2 89.5 107.8 324.0 669.7 50.5

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.4 MAX GAS TEMP: 098.3
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 129.1 MIN GAS TEMP: 089.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.1

POST EVACUATION(2) (Loop:1/12) 06/09/2015 03:19:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:59:53	0:00:00	28.9	29.0	29.8	38.9	50.9	119.0	120.2	119.8	117.2	120.2	120.0	118.4	120.3	126.5	129.2	121.1	89.2	89.5	107.8	324.0	669.7	50.5
16:01:53	0:02:00	26.2	26.3	29.8	36.2	48.7	118.0	118.8	118.3	116.9	118.9	118.6	118.1	120.3	127.0	129.0	121.0	87.3	95.1	107.9	324.0	669.7	43.0
16:03:53	0:04:00	23.5	23.6	29.8	34.3	46.5	117.7	118.5	118.0	116.7	118.6	118.3	117.9	120.4	127.3	128.9	120.8	85.8	97.6	107.8	324.0	669.7	40.0
16:05:53	0:06:00	20.7	20.8	29.8	33.4	45.5	117.5	118.3	117.8	116.5	118.3	118.0	117.7	120.6	128.0	128.8	120.7	84.7	98.7	107.8	324.0	669.7	38.5

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/09/2015 03:25:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:03	0:06:11	20.5	20.6	29.8	33.4	45.6	117.4	118.3	117.7	116.4	118.3	118.0	117.7	120.4	126.7	128.7	120.7	84.6	98.7	107.8	324.0	669.7	38.5

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.2 MAX GAS TEMP: 089.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.7 MIN GAS TEMP: 084.6
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.7

AIR BACKFILL(1) (Loop:2/12) 06/09/2015 03:25:43

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:06:04	0:00:00	20.5	20.6	29.8	33.4	45.6	117.4	118.3	117.7	116.4	118.3	118.0	117.7	120.4	126.7	128.7	120.7	84.6	98.7	107.8	324.0	669.7	38.5
16:08:04	0:02:00	23.3	23.4	29.8	36.2	48.0	118.5	119.6	119.1	116.9	119.6	119.4	118.3	120.4	126.9	128.6	120.5	83.6	95.4	107.8	324.0	669.7	44.5
16:10:04	0:04:00	25.9	26.0	29.8	37.1	48.8	118.8	119.8	119.5	117.1	120.0	119.8	118.3	120.5	127.0	128.5	120.4	82.7	92.1	107.7	324.0	669.7	44.5
16:12:04	0:06:00	28.6	28.8	29.8	38.0	49.8	118.9	120.1	119.7	117.1	120.3	120.0	118.3	120.3	126.7	128.4	120.2	81.9	89.5	107.6	324.0	669.7	44.5

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/09/2015 03:31:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:11	0:06:07	28.9	29.0	29.8	38.0	49.8	118.9	120.1	119.7	117.1	120.3	120.1	118.4	120.0	125.5	128.4	120.2	81.9	89.3	107.6	324.0	669.7	44.5

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.7 MAX GAS TEMP: 084.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.4 MIN GAS TEMP: 081.9
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.2

POST EVACUATION(2) (Loop:2/12) 06/09/2015 03:31:50

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:11	0:00:00	28.9	29.0	29.8	38.0	49.8	118.9	120.1	119.7	117.1	120.3	120.1	118.4	120.0	125.5	128.4	120.2	81.9	89.3	107.6	324.0	669.7	44.5
16:14:11	0:02:00	26.2	26.3	29.8	35.3	47.4	118.0	118.8	118.4	116.9	118.9	118.7	118.1	120.1	125.9	128.4	120.0	81.3	93.9	107.7	324.0	669.7	38.5
16:16:11	0:04:00	23.5	23.6	29.8	33.9	46.0	117.7	118.6	118.0	116.6	118.5	118.3	117.8	120.3	126.4	128.2	119.8	80.8	96.3	107.6	324.0	669.7	35.5
16:18:11	0:06:00	20.8	20.9	29.8	33.0	45.0	117.5	118.3	117.8	116.4	118.3	118.0	117.6	120.4	126.8	128.0	119.8	80.3	97.6	107.5	324.0	669.7	33.9

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/09/2015 03:38:01

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

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TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
16:18:22	0:06:11	20.5	20.6	29.8	33.0	45.0	117.4	118.3	117.7	116.4	118.3	118.0	117.6	119.9	125.0	128.0	119.7	80.2	97.7	107.5	324.0	669.7	34.0

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.5 MAX GAS TEMP: 081.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.9 MIN GAS TEMP: 080.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.7

AIR BACKFILL(1) (Loop:3/12) 06/09/2015 03:38:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:22	0:00:00	20.5	20.6	29.8	33.0	45.0	117.4	118.3	117.7	116.4	118.3	118.0	117.6	119.9	125.0	128.0	119.7	80.2	97.7	107.5	324.0	669.7	34.0
16:20:22	0:02:00	23.3	23.4	29.8	35.2	46.8	118.5	119.6	119.1	116.8	119.6	119.4	118.1	120.0	125.2	127.9	119.6	79.8	94.5	107.5	324.0	669.7	38.5
16:22:22	0:04:00	26.0	26.2	29.8	36.2	47.7	118.8	119.8	119.5	117.0	120.0	119.8	118.3	120.3	126.0	127.7	119.5	79.5	91.3	107.4	324.0	669.7	40.0
16:24:22	0:06:00	28.6	28.8	29.8	37.1	48.6	119.0	120.2	119.8	117.0	120.3	120.1	118.3	120.0	125.6	127.7	119.3	79.2	88.9	107.5	324.0	669.7	40.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/09/2015 03:44:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:29	0:06:07	28.9	29.0	29.8	37.1	48.6	119.0	120.2	119.7	117.1	120.3	120.1	118.3	119.6	124.1	127.6	119.3	79.2	88.7	107.5	324.0	669.7	40.0

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.0 MAX GAS TEMP: 080.2
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.5 MIN GAS TEMP: 079.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.3

POST EVACUATION(2) (Loop:3/12) 06/09/2015 03:44:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:29	0:00:00	28.9	29.0	29.8	37.1	48.6	119.0	120.2	119.7	117.1	120.3	120.1	118.3	119.6	124.1	127.6	119.3	79.2	88.7	107.5	324.0	669.7	40.0
16:26:29	0:02:00	26.1	26.3	29.8	34.8	46.8	118.0	118.8	118.4	116.9	118.9	118.7	118.0	119.8	124.3	127.6	119.2	78.9	94.1	107.4	324.0	669.7	34.0
16:28:29	0:04:00	23.5	23.6	29.8	33.4	45.3	117.7	118.6	118.1	116.6	118.6	118.3	117.8	119.9	125.1	127.6	119.8	78.7	96.6	107.9	324.0	669.7	31.0
16:30:29	0:06:00	20.7	20.9	29.8	32.5	44.3	117.5	118.3	117.8	116.4	118.4	118.1	117.6	120.0	125.5	127.4	122.4	78.4	98.0	107.8	324.0	669.7	29.5

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/09/2015 03:50:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:38	0:06:09	20.5	20.6	29.8	32.5	44.5	117.4	118.3	117.7	116.3	118.4	118.1	117.6	119.4	123.8	127.4	122.4	78.4	98.1	107.8	324.0	669.7	29.4

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.7 MAX GAS TEMP: 079.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.4 MIN GAS TEMP: 078.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:4/12) 06/09/2015 03:50:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:38	0:00:00	20.5	20.6	29.8	32.5	44.5	117.4	118.3	117.7	116.3	118.4	118.1	117.6	119.4	123.8	127.4	122.4	78.4	98.1	107.8	324.0	669.7	29.4
16:32:38	0:02:00	23.3	23.4	29.8	34.8	46.2	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.4	123.5	127.2	122.3	78.2	94.8	107.7	324.0	669.7	34.0
16:34:39	0:04:00	26.0	26.1	29.8	35.7	47.0	118.8	119.9	119.6	117.0	120.0	119.8	118.2	119.8	124.4	127.1	122.2	78.1	91.5	107.6	324.0	669.7	35.5
16:36:39	0:06:00	28.6	28.7	29.8	36.6	48.0	119.0	120.2	119.8	117.0	120.3	120.1	118.3	120.0	125.2	127.1	122.0	77.9	89.1	107.8	324.0	669.7	35.5

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AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/09/2015 03:56:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:50	0:06:19	28.9	29.0	29.8	36.6	48.0	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.2	122.7	127.0	122.0	77.9	88.8	107.7	324.0	669.7	35.5

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 078.4
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.0 MIN GAS TEMP: 077.9
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 122.0

POST EVACUATION(2) (Loop:4/12) 06/09/2015 03:56:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:51	0:00:00	28.9	29.0	29.8	36.6	48.0	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.2	122.7	127.0	122.0	77.9	88.8	107.7	324.0	669.7	35.5
16:38:51	0:02:00	26.2	26.3	29.8	33.9	45.5	118.0	118.9	118.4	116.8	118.9	118.7	118.0	119.3	123.3	127.1	121.8	77.8	94.9	107.8	324.0	669.7	29.5
16:40:51	0:04:00	23.4	23.5	29.8	32.5	44.1	117.7	118.6	118.0	116.6	118.6	118.3	117.8	119.6	123.7	126.9	121.7	77.7	97.6	107.8	324.0	669.7	28.0
16:42:51	0:06:00	20.7	20.8	29.8	31.7	43.2	117.5	118.3	117.8	116.4	118.4	118.1	117.6	119.8	124.5	126.8	121.5	77.6	98.8	107.8	324.0	669.7	26.5

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/09/2015 04:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:42:59	0:06:08	20.5	20.6	29.8	31.6	43.1	117.5	118.3	117.8	116.3	118.3	118.0	117.6	119.2	123.1	126.8	121.5	77.6	98.8	107.8	324.0	669.7	26.5

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.1 MAX GAS TEMP: 077.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.7 MIN GAS TEMP: 077.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.5

AIR BACKFILL(1) (Loop:5/12) 06/09/2015 04:02:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:42:59	0:00:00	20.5	20.6	29.8	31.6	43.1	117.5	118.3	117.8	116.3	118.3	118.0	117.6	119.2	123.1	126.8	121.5	77.6	98.8	107.8	324.0	669.7	26.5
16:44:59	0:02:00	23.2	23.3	29.8	34.4	45.7	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.4	123.4	126.7	121.4	77.6	95.5	107.8	324.0	669.7	29.5
16:46:59	0:04:00	25.9	26.0	29.8	35.3	46.3	118.9	120.1	119.7	117.1	120.1	119.9	118.3	119.6	123.8	126.6	121.2	77.5	92.2	107.8	324.0	669.7	31.0
16:48:59	0:06:00	28.6	28.8	29.8	35.7	46.8	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.6	123.9	126.4	121.1	77.4	89.6	107.8	324.0	669.7	31.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/09/2015 04:08:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:06	0:06:07	28.9	29.0	29.8	35.7	46.8	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.2	122.7	126.4	121.1	77.4	89.5	107.8	324.0	669.7	31.0

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.8 MAX GAS TEMP: 077.7
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 126.4 MIN GAS TEMP: 077.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.1

POST EVACUATION(2) (Loop:5/12) 06/09/2015 04:08:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:06	0:00:00	28.9	29.0	29.8	35.7	46.8	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.2	122.7	126.4	121.1	77.4	89.5	107.8	324.0	669.7	31.0
16:51:06	0:02:00	26.1	26.3	29.8	33.5	45.0	118.0	118.8	118.4	116.8	119.0	118.7	118.1	119.4	123.5	126.2	120.9	77.4	94.7	107.8	324.0	669.7	26.5

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16:53:06	0:04:00	23.4	23.5	29.8	32.1	43.5	117.7	118.6	118.0	116.5	118.7	118.4	117.9	119.8	124.3	126.2	120.8	77.3	97.2	107.8	324.0	669.7	23.5
16:55:06	0:06:00	20.7	20.8	29.8	31.6	43.0	117.5	118.5	117.8	116.4	118.3	118.0	117.6	119.9	125.2	125.9	120.6	77.2	98.4	107.8	324.0	669.7	23.5

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/09/2015 04:14:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:14	0:06:02	20.5	20.6	29.8	31.2	42.5	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.4	123.7	125.9	120.6	77.2	98.6	107.8	324.0	669.7	23.5

START PRESS: 0028.9 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.4 MAX GAS TEMP: 077.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.9 MIN GAS TEMP: 077.2
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.6

AIR BACKFILL(1) (Loop:6/12) 06/09/2015 04:14:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:14	0:00:00	20.5	20.6	29.8	31.2	42.5	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.4	123.7	125.9	120.6	77.2	98.6	107.8	324.0	669.7	23.5
16:57:14	0:02:00	23.3	23.4	29.8	33.4	44.4	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.6	124.0	125.9	120.5	77.2	95.3	107.7	324.0	669.7	26.5
16:59:14	0:04:00	26.0	26.1	29.8	34.3	45.1	118.9	120.1	119.7	117.1	120.1	119.9	118.3	119.8	124.4	125.8	120.4	77.1	92.0	107.7	324.0	669.7	28.0
17:01:14	0:06:00	28.6	28.8	29.8	35.3	46.2	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.8	124.6	125.7	120.2	77.1	89.4	107.7	324.0	669.7	28.0

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/09/2015 04:21:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:26	0:06:12	28.9	29.0	29.8	35.3	46.2	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.0	123.0	125.7	120.2	77.0	89.2	107.7	324.0	669.7	28.0

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.0 MAX GAS TEMP: 077.2
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.7 MIN GAS TEMP: 077.0
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.2

POST EVACUATION(2) (Loop:6/12) 06/09/2015 04:21:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:26	0:00:00	28.9	29.0	29.8	35.3	46.2	119.0	120.2	119.8	117.0	120.3	120.1	118.3	119.0	123.0	125.7	120.2	77.0	89.2	107.7	324.0	669.7	28.0
17:03:26	0:02:00	26.1	26.3	29.8	33.0	44.3	118.1	118.9	118.5	116.8	119.0	118.7	118.0	119.2	123.0	125.6	120.1	77.0	94.7	107.6	324.0	669.7	23.4
17:05:26	0:04:00	23.4	23.5	29.8	31.6	42.8	117.7	118.6	118.1	116.6	118.6	118.3	117.7	119.4	123.5	125.5	119.8	76.9	97.2	107.6	324.0	669.7	22.0
17:07:26	0:06:00	20.7	20.8	29.8	30.7	41.8	117.5	118.5	117.8	116.4	118.4	118.1	117.6	119.8	124.3	125.4	119.8	76.9	98.4	107.6	324.0	669.7	20.4

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/09/2015 04:27:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:07:26	0:06:10	20.5	20.6	29.8	30.7	41.9	117.5	118.3	117.8	116.3	118.4	118.1	117.5	119.0	122.9	125.4	119.8	76.9	98.6	107.6	324.0	669.7	20.4

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.8 MAX GAS TEMP: 077.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.4 MIN GAS TEMP: 076.8
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.7

AIR BACKFILL(1) (Loop:7/12) 06/09/2015 04:27:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)

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17:07:36	0:00:00	20.5	20.6	29.8	30.7	41.9	117.5	118.3	117.8	116.3	118.4	118.1	117.5	119.0	122.9	125.4	119.8	76.9	98.6	107.6	324.0	669.7	20.4
17:09:36	0:02:00	23.3	23.4	29.8	33.4	44.3	118.5	119.7	119.2	116.8	119.7	119.5	118.1	119.2	122.8	125.2	119.6	76.9	95.2	107.6	324.0	669.7	23.4
17:11:56	0:04:00	26.0	26.1	29.8	34.3	45.2	118.8	119.9	119.6	116.9	120.1	119.9	118.3	119.2	122.9	125.2	119.5	76.8	92.0	107.6	324.0	669.7	24.9
17:13:36	0:06:00	28.6	28.8	29.8	34.8	45.5	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.3	123.0	125.2	119.3	76.7	89.4	107.5	324.0	669.7	25.0

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/09/2015 04:33:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:13:47	0:06:11	28.9	29.0	29.8	34.8	45.5	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.0	124.1	125.2	119.3	76.8	89.1	107.5	324.0	669.7	24.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.5 MAX GAS TEMP: 076.9
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.1 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.2

POST EVACUATION(2) (Loop:7/12) 06/09/2015 04:33:26

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:13:47	0:00:00	28.9	29.0	29.8	34.8	45.5	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.0	124.1	125.2	119.3	76.8	89.1	107.5	324.0	669.7	24.9
17:15:47	0:02:00	26.2	26.3	29.8	32.5	43.6	118.1	118.9	118.5	116.9	119.0	118.7	118.0	119.0	123.2	125.0	119.2	76.7	94.7	107.5	324.0	669.7	21.9
17:17:47	0:04:00	23.4	23.6	29.8	31.6	42.8	117.7	118.6	118.1	116.6	118.6	118.4	117.8	119.2	122.9	124.9	120.8	76.6	97.2	108.7	324.0	669.7	18.9
17:19:48	0:06:00	20.7	20.8	29.8	30.3	41.2	117.5	118.3	117.9	116.3	118.4	118.1	117.6	119.4	123.5	124.7	122.4	76.6	98.6	107.8	324.0	669.7	18.9

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/09/2015 04:39:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:56	0:06:08	20.5	20.6	29.8	30.3	41.3	117.5	118.3	117.8	116.3	118.3	118.1	117.5	118.9	123.1	124.7	122.4	76.6	98.7	107.8	324.0	669.7	19.0

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.2 MAX GAS TEMP: 076.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.7 MIN GAS TEMP: 076.6
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:8/12) 06/09/2015 04:39:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:19:56	0:00:00	20.5	20.6	29.8	30.3	41.3	117.5	118.3	117.8	116.3	118.3	118.1	117.5	118.9	123.1	124.7	122.4	76.6	98.7	107.8	324.0	669.7	19.0
17:21:56	0:02:00	23.3	23.4	29.8	32.5	43.1	118.5	119.7	119.2	116.8	119.8	119.6	118.2	119.0	122.9	124.8	122.3	76.6	95.3	107.8	324.0	669.7	21.9
17:23:56	0:04:00	26.0	26.2	29.8	33.5	43.9	118.9	120.1	119.7	117.1	120.2	120.0	118.3	119.0	122.9	124.7	122.1	76.6	92.1	107.9	324.0	669.7	22.0
17:25:56	0:06:00	28.6	28.7	29.8	34.3	45.0	119.0	120.3	119.9	117.0	120.3	120.2	118.3	119.2	122.8	124.5	121.9	76.6	89.3	107.8	324.0	669.7	22.0

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/09/2015 04:45:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:26:08	0:06:12	28.9	29.0	29.8	34.3	44.9	119.1	120.3	120.0	117.1	120.4	120.3	118.3	119.2	125.0	124.5	121.9	76.6	89.1	107.8	324.0	669.7	21.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.8 MAX GAS TEMP: 076.7
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.9

POST EVACUATION(2) (Loop:8/12) 06/09/2015 04:45:48

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000103

TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
17:26:08	0:00:00	28.9	29.0	29.8	34.3	44.9	119.1	120.3	120.0	117.1	120.4	120.3	118.3	119.2	125.0	124.5	121.9	76.6	89.1	107.8	324.0	669.7	21.9
17:28:08	0:02:00	26.2	26.3	29.8	32.1	43.1	118.1	118.9	118.5	116.8	119.0	118.8	118.1	119.0	124.0	124.4	121.8	76.5	94.8	107.8	324.0	669.7	18.9
17:30:08	0:04:00	23.4	23.6	29.8	30.7	41.6	117.8	118.7	118.1	116.6	118.6	118.4	117.8	119.2	122.7	124.3	121.6	76.5	97.3	107.8	324.0	669.7	15.9
17:32:08	0:06:00	20.7	20.8	29.8	30.3	41.2	117.6	118.5	117.9	116.4	118.4	118.1	117.6	119.2	123.2	124.3	121.5	76.6	98.8	107.8	324.0	669.7	15.9

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/09/2015 04:51:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:32:19	0:06:11	20.5	20.5	29.8	29.8	40.7	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.0	124.6	124.3	121.4	76.5	98.8	107.8	324.0	669.7	15.9

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.6 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.2 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.4

AIR BACKFILL(1) (Loop:9/12) 06/09/2015 04:51:58

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:32:19	0:00:00	20.5	20.6	29.8	29.8	40.7	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.0	124.6	124.3	121.4	76.5	98.8	107.8	324.0	669.7	15.9
17:34:19	0:02:00	23.3	23.4	29.8	32.5	43.1	118.6	119.7	119.3	116.9	119.8	119.5	118.2	118.9	124.1	124.2	121.3	76.5	95.4	107.8	324.0	669.7	18.9
17:36:19	0:04:00	26.0	26.1	29.8	33.4	44.0	118.8	119.9	119.6	117.0	120.1	119.9	118.3	118.9	123.7	124.2	121.2	76.6	92.1	107.8	324.0	669.7	20.5
17:38:19	0:06:00	28.6	28.8	29.8	33.9	44.4	119.0	120.3	119.8	117.1	120.3	120.2	118.3	118.9	123.8	124.0	121.0	76.5	89.6	107.8	324.0	669.7	19.0

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/09/2015 04:58:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:38:31	0:06:12	28.9	29.0	29.8	33.9	44.3	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.8	126.9	124.0	121.0	76.6	89.4	107.7	324.1	669.7	18.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.3 MAX GAS TEMP: 076.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.1 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.0

POST EVACUATION(2) (Loop:9/12) 06/09/2015 04:58:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:38:31	0:00:00	28.9	29.0	29.8	33.9	44.3	119.1	120.3	119.9	117.1	120.3	120.2	118.3	119.8	126.9	124.0	121.0	76.6	89.4	107.7	324.1	669.7	18.9
17:40:31	0:02:00	26.2	26.3	29.8	31.6	42.5	118.1	118.9	118.5	116.8	119.0	118.7	118.0	119.4	125.9	129.5	120.9	76.6	95.0	107.8	324.0	669.7	15.9
17:42:31	0:04:00	23.5	23.6	29.8	30.3	40.9	117.8	118.7	118.1	116.6	118.6	118.4	117.8	119.2	124.8	129.2	120.7	76.6	97.3	107.8	324.0	669.7	14.4
17:44:31	0:06:00	20.7	20.8	29.8	29.3	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	118.9	123.5	129.1	120.5	76.6	98.7	107.8	324.0	669.7	14.4

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/09/2015 05:04:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:39	0:06:08	20.5	20.6	29.8	29.4	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.3	125.7	129.1	120.5	76.6	98.8	107.7	324.0	669.7	14.4

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.1 DRM2 START: 669.7 MAX PRE TEMP: 129.8 MAX GAS TEMP: 076.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 123.9 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.5

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000104

AIR BACKFILL(1) (Loop:10/12) 06/09/2015 05:04:19

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:44:39	0:00:00	20.5	20.6	29.8	29.4	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.3	125.7	129.1	120.5	76.6	98.8	107.7	324.0	669.7	14.4
17:46:40	0:02:00	23.3	23.4	29.8	31.6	41.9	118.6	119.7	119.3	116.9	119.7	119.5	118.1	119.2	125.1	129.0	120.4	76.6	95.4	107.7	324.0	669.7	17.5
17:48:40	0:04:00	26.0	26.1	29.8	33.0	43.4	118.9	120.1	119.6	117.1	120.1	120.0	118.4	119.0	124.3	128.9	120.3	76.6	92.1	107.6	324.0	669.7	17.4
17:50:40	0:06:00	28.6	28.7	29.8	33.5	43.8	119.0	120.3	119.8	117.1	120.3	120.2	118.3	118.9	123.7	128.8	120.1	76.6	89.5	107.7	324.0	669.7	17.5

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/09/2015 05:10:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:52	0:06:13	28.9	29.0	29.8	33.4	43.8	119.0	120.2	119.9	117.0	120.4	120.2	118.3	119.8	126.9	128.8	120.1	76.6	89.3	107.6	324.0	669.7	17.4

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.1 MAX GAS TEMP: 076.7
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.8 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.1

POST EVACUATION(2) (Loop:10/12) 06/09/2015 05:10:32

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:50:52	0:00:00	28.9	29.0	29.8	33.4	43.8	119.0	120.2	119.9	117.0	120.4	120.2	118.3	119.8	126.9	128.8	120.1	76.6	89.3	107.6	324.0	669.7	17.4
17:52:52	0:02:00	26.2	26.3	29.8	31.6	42.5	118.0	118.9	118.4	116.8	119.0	118.7	118.1	119.6	126.3	128.7	119.8	76.6	94.5	107.6	324.0	669.7	14.4
17:54:52	0:04:00	23.4	23.6	29.8	30.3	40.9	117.8	118.7	118.1	116.6	118.6	118.3	117.8	119.2	125.0	128.6	119.8	76.6	97.0	107.6	324.0	669.7	14.4
17:56:52	0:06:00	20.7	20.9	29.8	29.4	40.0	117.5	118.3	117.8	116.4	118.4	118.1	117.6	119.0	124.0	128.5	119.7	76.6	98.4	107.6	324.0	669.7	12.9

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/09/2015 05:16:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:03	0:06:10	20.5	20.6	29.8	29.3	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.8	126.8	128.5	119.7	76.6	98.6	107.6	324.0	669.7	12.9

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.9 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.5 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.6

AIR BACKFILL(1) (Loop:11/12) 06/09/2015 05:16:42

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:03	0:00:00	20.5	20.6	29.8	29.3	40.0	117.5	118.3	117.8	116.3	118.4	118.1	117.6	119.8	126.8	128.5	119.7	76.6	98.6	107.6	324.0	669.7	12.9
17:59:03	0:02:00	23.2	23.3	29.8	31.6	41.9	118.6	119.7	119.3	116.8	119.8	119.6	118.1	119.4	126.1	128.4	119.5	76.5	95.2	107.6	324.0	669.7	14.4
18:01:03	0:04:00	25.9	26.0	29.8	32.5	42.7	118.9	120.1	119.7	117.0	120.2	120.0	118.4	119.3	125.6	128.2	119.3	76.6	91.9	107.5	324.0	669.7	15.9
18:03:03	0:06:00	28.7	28.9	29.8	33.0	43.1	119.1	120.3	119.9	117.1	120.4	120.2	118.3	119.2	124.9	128.2	119.3	76.6	89.3	107.5	324.0	669.7	16.0

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/09/2015 05:22:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:11	0:06:08	28.9	29.0	29.8	33.0	43.2	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.8	127.0	128.2	119.3	76.6	89.1	107.4	324.0	669.7	15.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.5 MAX GAS TEMP: 076.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.2 MIN GAS TEMP: 076.5
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7

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EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.2

POST EVACUATION(2) (Loop:11/12) 06/09/2015 05:22:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:03:11	0:00:00	28.9	29.0	29.8	33.0	43.2	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.8	127.0	128.2	119.3	76.6	89.1	107.4	324.0	669.7	15.9
18:05:11	0:02:00	26.2	26.3	29.8	31.2	41.8	118.1	118.9	118.5	116.8	119.0	118.7	118.1	119.6	126.5	128.1	119.1	76.5	94.7	107.5	324.0	669.7	12.9
18:07:11	0:04:00	23.5	23.6	29.8	29.8	40.3	117.8	118.7	118.1	116.6	118.7	118.4	117.8	119.3	125.5	128.0	122.3	76.5	97.2	107.8	324.0	669.7	11.4
18:09:11	0:06:00	20.8	20.9	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.4	118.1	117.6	119.0	124.6	127.8	122.2	76.5	98.6	107.8	324.0	669.7	11.4

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/09/2015 05:29:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:21	0:06:10	20.5	20.9	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.5	118.2	117.7	119.8	127.1	127.7	122.2	76.5	98.7	107.8	324.0	669.7	11.4

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.2 MAX GAS TEMP: 076.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.7 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:12/12) 06/09/2015 05:29:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:09:21	0:00:00	20.5	20.6	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.5	118.2	117.7	119.8	127.1	127.7	122.2	76.5	98.7	107.8	324.0	669.7	11.4
18:11:21	0:02:00	23.3	23.4	29.8	31.3	41.5	118.6	119.7	119.3	116.8	119.8	119.6	118.2	119.6	126.7	127.7	122.0	76.4	95.4	107.8	324.0	669.7	14.4
18:13:22	0:04:00	26.0	26.1	29.8	32.5	42.7	119.0	120.2	119.7	117.1	120.3	120.1	118.3	119.6	126.4	127.7	121.9	76.4	92.1	107.8	324.0	669.7	14.4
18:15:22	0:06:00	28.7	28.9	29.8	32.5	42.6	119.1	120.3	119.9	117.1	120.4	120.3	118.3	119.2	125.0	127.6	121.7	76.4	89.5	107.8	324.0	669.7	14.4

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/09/2015 05:35:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:15:31	0:06:00	28.9	29.0	29.8	32.5	42.6	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.9	127.3	127.6	121.8	76.5	89.3	107.8	324.0	669.7	14.4

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.8 MAX GAS TEMP: 076.5
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.6 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.7

POST EVACUATION(2) (Loop:12/12) 06/09/2015 05:35:10

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:15:31	0:00:00	28.9	29.0	29.8	32.5	42.6	119.1	120.3	119.9	117.1	120.4	120.2	118.4	119.9	127.3	127.6	121.8	76.5	89.3	107.8	324.0	669.7	14.4
18:17:31	0:02:00	26.2	26.3	29.8	30.7	41.3	118.1	118.9	118.5	116.8	119.1	118.8	118.1	119.6	126.3	127.5	121.5	76.4	95.0	107.8	324.0	669.7	11.4
18:19:31	0:04:00	23.5	23.6	29.8	29.4	39.8	117.7	118.6	118.1	116.6	118.6	118.4	117.8	119.0	124.5	127.4	121.4	76.5	97.5	107.8	324.0	669.7	11.4
18:21:31	0:06:00	20.7	20.9	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.5	118.2	117.6	119.0	123.4	127.4	121.2	76.5	99.0	107.8	324.0	669.7	9.9

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/09/2015 05:41:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:21:40	0:06:09	20.5	20.9	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.4	118.2	117.6	119.3	125.6	127.4	121.3	76.5	99.1	107.8	324.0	669.7	9.9

START PRESS: 0028.9 MAX PRESS: 0029.0 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.7 MAX GAS TEMP: 076.6

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END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.4 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 121.2

AIR BACKFILL(2) 06/09/2015 05:41:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:21:40	0:00:00	20.5	20.6	29.8	28.9	39.3	117.6	118.5	117.9	116.4	118.4	118.2	117.6	119.3	125.6	127.4	121.3	76.5	99.1	107.8	324.0	669.7	9.9
18:22:40	0:01:00	22.0	22.1	29.8	29.8	39.9	118.2	119.3	118.8	116.6	119.3	119.1	117.9	119.4	125.9	127.3	121.2	76.5	97.5	107.8	324.0	669.7	11.4
18:23:40	0:02:00	23.3	23.4	29.8	30.7	40.6	118.6	119.7	119.3	116.9	119.8	119.7	118.2	119.2	124.8	127.3	121.1	76.6	95.8	107.8	324.0	669.7	11.4
18:24:40	0:03:00	24.7	24.8	29.8	31.6	41.7	118.8	119.9	119.5	117.0	120.0	119.8	118.3	119.3	125.1	127.1	121.0	76.5	94.1	107.8	324.0	669.7	12.9
18:25:40	0:04:00	26.0	26.1	29.8	31.6	41.5	118.9	120.1	119.7	117.1	120.2	120.0	118.3	118.9	124.0	127.0	121.0	76.5	92.4	107.8	324.0	669.7	12.9
18:26:40	0:05:00	27.3	27.4	29.8	32.5	42.6	119.0	120.2	119.8	117.1	120.3	120.1	118.3	119.2	123.7	127.0	120.9	76.6	91.0	107.8	324.0	669.7	12.9
18:27:40	0:06:00	28.6	28.7	29.8	32.5	42.5	119.1	120.3	119.9	117.1	120.4	120.2	118.3	118.9	123.0	127.0	120.9	76.6	89.8	107.8	324.0	669.7	12.9

AIR BACKFILL(2) SUMMARY 06/09/2015 05:47:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:27:53	0:06:13	28.9	29.0	29.8	32.5	42.5	119.1	120.3	120.0	117.1	120.4	120.2	118.3	119.6	126.2	127.0	120.8	76.5	89.6	107.8	324.0	669.7	12.9

START PRESS: 0020.5 MAX PRESS: 0028.9 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.4 MAX GAS TEMP: 076.6
END PRESS: 0028.9 MIN PRESS: 0020.5 MIN TEMP: 117.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.0 MIN GAS TEMP: 076.4
PRESS CHANGE: 008.4 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.3
EO USED PHASE: 000.0 EO USED CYCLE:015.1 MIN VAP TEMP: 120.8

END OF CYCLE 06/09/2015 05:47:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:27:53	0:00:00	28.9	29.0	29.8	32.5	42.5	119.1	120.3	120.0	117.1	120.4	120.2	118.3	119.6	126.2	127.0	120.8	76.5	89.6	107.8	324.0	669.7	12.9

DRUM 1 EMPTY ALARM RESET 06/09/2015 05:47:33

18:27:53	0:00:00	28.9	29.0	29.8	32.5	42.5	119.1	120.3	120.0	117.1	120.4	120.2	118.3	119.6	126.2	127.0	120.8	76.5	89.6	107.8	324.0	669.7	12.9

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000107

Aeration Validation

Set "C"

Sterilization Cycle# CB500304

Custom Kit
Parametric Specification Cycle Review Sheet

Run Number: CB500304 Load Number: Dunnage Load

Date Cycle Completed: June 11, 2015 Time Cycle Completed: 18:44

Date Aeration Completed: June 12, 2015 Time Aeration Completed: 21:00

Notes: Chamber B (STE14-030/031), (Set C: 1X), (Set A: 2 of 3X), 6 Pallet Load

Cycle Type: ☒ Custom Kit (Cycle#411)

	Actual	Minimum Spec	Maximum Spec	Unit
Preconditioning:				
Starting Temperature	102.3	95	130	°F
Room Temperature Min	103	95	115	°F
Room Temperature Max	105	95	115	°F
Room RH Min	47	40	70	%
Room RH Max	54	40	70	%
PCR Elapsed Time	15:45	12:00	96:00	Hrs:Min
Load Time	15	5	60	Minutes
Pre - Nitrogen Wash				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #1	7	3	30	Minutes
Nitrogen Inject #1	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #2	5	3	30	Minutes
Nitrogen Inject #2	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #3	5	3	30	Minutes
Nitrogen Inject #3	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #4	5	3	30	Minutes
Nitrogen Inject #4	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time #5	5	3	30	Minutes

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject #5	27.7	27.0	28.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Conditioning:				
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Time to Conditioning	92	38	390	Minutes
Chamber Moisture Min	53.5	18.3	86.3	mg/L
Chamber Moisture Max	64.8	18.3	86.3	mg/L
Conditioning Dwell Time	60	45	90	Minutes
Charge:				
Initial Vacuum	20.6	20.0	21.0	inHgA
EtO Inject Pressure	28.2*	27.0	28.0	inHgA
EtO Inject Elapsed Time	11	3	60	Minutes
EtO Gas Weight Used	20.4	T.B.D.	T.B.D.	lb
Nitrogen Blanket Pressure	29.2	28.5	29.5	inHgA
Nitrogen Inject Elapsed Time	1	1	60	Minutes
Exposure:				
Chamber Pressure Min	28.9	28.5	29.5	inHgA
Chamber Pressure Max	29.2	28.5	29.5	inHgA
Chamber Temperature Min	117.2	95	130	°F
Chamber Temperature Max	119.2	95	130	°F
Exposure Time	12:00	10:00	12:00	Hrs:Min
Gas Concentration Min	332.0	200	480	mg/L
Gas Concentration Max	425.6	200	480	mg/L
Exhaust:				
Vacuum	20.6	20.0	21.0	inHgA
Vacuum Elapsed Time	12	3	60	Minutes
Post - Nitrogen Wash				
Nitrogen Inject Pressure #1	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #1	5	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #2	28.6	28.0	29.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Nitrogen Inject Time #2	5	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #3	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #3	5	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #4	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #4	5	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #5	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #5	5	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	5	3	30	Minutes
Nitrogen Inject Pressure #6	28.6	28.0	29.0	inHgA
Nitrogen Inject Time #6	5	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	5	3	30	Minutes
Air Wash				
Dry Air Inject Pressure #1	29.1	28.0	30.0	inHgA
Dry Air Inject Time #1	6	3	30	Minutes
Vacuum #1	20.6	20.0	21.0	inHgA
Vacuum #1 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #2	29.1	28.0	30.0	inHgA
Dry Air Inject Time #2	6	3	30	Minutes
Vacuum #2	20.6	20.0	21.0	inHgA
Vacuum #2 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #3	29.1	28.0	30.0	inHgA
Dry Air Inject Time #3	6	3	30	Minutes
Vacuum #3	20.6	20.0	21.0	inHgA
Vacuum #3 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #4	29.1	28.0	30.0	inHgA
Dry Air Inject Time #4	6	3	30	Minutes
Vacuum #4	20.6	20.0	21.0	inHgA
Vacuum #4 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #5	29.1	28.0	30.0	inHgA

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Dry Air Inject Time #5	6	3	30	Minutes
Vacuum #5	20.6	20.0	21.0	inHgA
Vacuum #5 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #6	29.1	28.0	30.0	inHgA
Dry Air Inject Time #6	6	3	30	Minutes
Vacuum #6	20.6	20.0	21.0	inHgA
Vacuum #6 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #7	29.1	28.0	30.0	inHgA
Dry Air Inject Time #7	6	3	30	Minutes
Vacuum #7	20.6	20.0	21.0	inHgA
Vacuum #7 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #8	29.1	28.0	30.0	inHgA
Dry Air Inject Time #8	6	3	30	Minutes
Vacuum #8	20.6	20.0	21.0	inHgA
Vacuum #8 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #9	29.1	28.0	30.0	inHgA
Dry Air Inject Time #9	6	3	30	Minutes
Vacuum #9	20.6	20.0	21.0	inHgA
Vacuum #9 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #10	29.1	28.0	30.0	inHgA
Dry Air Inject Time #10	6	3	30	Minutes
Vacuum #10	20.6	20.0	21.0	inHgA
Vacuum #10 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #11	29.1	28.0	30.0	inHgA
Dry Air Inject Time #11	6	3	30	Minutes
Vacuum #11	20.6	20.0	21.0	inHgA
Vacuum #11 Elapsed Time	6	3	30	Minutes
Dry Air Inject Pressure #12	29.1	28.0	30.0	inHgA
Dry Air Inject Time #12	6	3	30	Minutes
Vacuum #12	20.6	20.0	21.0	inHgA
Vacuum #12 Elapsed Time	6	3	30	Minutes
Final Air Break				
Dry Air Inject Pressure	29.1	28.0	30.0	inHgA
Dry Air Inject Time	6	3	30	Minutes
Primary Aeration				
Elapsed Time	24:10	12:00	96:00	Hr:Min

Custom Kit
Parametric Specification Cycle Review Sheet

	Actual	Minimum Spec	Maximum Spec	Unit
Room Temperature Min	105	95	115	°F
Room Temperature Max	108	95	115	°F
Secondary Aeration: *(Required if Primary Aeration < 24 Hr)*				
Phase Required?	No			
Room Temperature Min	N/A	105	115	°F
Room Temperature Max	N/A	105	115	°F
Elapsed Time	N/A	12:00	96:00	Hr:Min
Max Chamber Temperature	121.0	N/A	130	°F
PCR Circulator Running	Yes			
Chamber Circulator Running	Yes			
Aeration Circulator Running	Yes			

Cycle Notes: The EO inject pressure exceeded the maximum specification of 28.0 inHgA by 0.2 inHgA. This increased pressure creates a greater EO concentration within the chamber further challenging product aeration; this is considered acceptable

Reviewed by: [signature] Date: June 26, 2015

☒ Cycle acceptable ☐ Cycle not acceptable

Dispositioned by: [signature] Date: July 1, 2015

COVIDIEN

COPY

NORTH HAVEN PLANT
STERILIZATION RUN RECORD

CYCLE #:	ELIGIBILITY TIME: 20:15	DATE: 6-10-15
C35500304	CYCLE LOAD TIME: 00:00	DATE: 6-11-15

#411

(CIRCLE ONE)

MECHANICAL (110) TROCAR (210) COMBO (310) CUSTOM KIT (410) CYCLE NUMBER TYPE VERIFIED BY: GB

STARTING PCR TEMP: 102.3 STARTING PCR TIME: 8:15 START PCR DATE: 6/10/15

PCR MIN RH: 47 PCR MIN TEMP: 103

PCR MAX RH: 54 PCR MAX TEMP: 105

PALLET PRODUCT LOTS VERIFIED LOAD BY: AK. PCR CIRCULATOR RUNNING: KB

ITEM	SHOP ORDER	SHIPMENT / LOT	QUANTITY	CASES / BINS	MATERIAL
		5013979			
STE14-030	6 Pallet	Residuals	(Set C: 1X)		(Set A: 2 of 3X)

CYCLE START TIME: ~~00:13~~ 00:15 CYCLE START DATE: 06-11-15 ETC RUN #: 151

CYCLE END TIME: 19:44 CYCLE END DATE: 6/11/15 PRIMARY START TIME: 20:50

PRIMARY END TIME: 21:00 PRIMARY END DATE: 6/12/15 MIN TEMP: 105 MAX TEMP: 108

AERATION CIRCULATOR RUNNING: KB

SECONDARY END TIME: N/A SECONDARY END DATE: N/A MIN TEMP: N/A MAX TEMP: N/A

REMARKS: N/A

Technician Review: K. Brennan Management Review:

COVIDIEN
60 MIDDLETOWN AVE
NORTH HAVEN, CT
06473
203-492-5000 [T]
203-492-6398 [F]

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*                                                   *
*        COVIDIEN                                   *
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CHAMBER 103369-3

DATE: 06/11/2015
TIME: 12:15:01 AM

CYCLE_NUMBER: 411 Last Modification Date/Time: 6/1/2015 12:22:40 PM
CYCLE COUNTER NUMBER: 00000151

LOAD NUMBER 1: CB500304
LOAD NUMBER 2: 5013979
LOAD NUMBER 3: STE14-030 6PALLET RESIDUALS
LOAD NUMBER 4: (SET C:1X) (SET A:2 OF 3X)
LOAD NUMBER 5:
LOAD NUMBER 6:

OPERATOR ID NUMBER: 00001120

CYCLE TYPE	: EtO
Test Vacuum	: Yes
Nitrogen Blanket	: Yes
Gas Makeup	: N2
Aeration	: No

TEMPERATURE UNIT	: °F
PRESURE UNIT	: ''HgA
WEIGHT UNIT	: Lbs.

PHASE 01 STANDBY

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Jacket Start Differential	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Pounds of EtO To Start	: 30.0 Lbs.
Abort Temperature	: 140.0 °F
Abort Pressure	: 36.0 ''HgA
Diff Temp	: 3.0 °F
Steam Valve Duty Cycle	: 2.0 %
Internal Recirculation	: YES
Door Crack Time	: 00:05:00

PHASE 02 INITIAL EVACUATION(1) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 18.0 °F
Vaporizer High Temperature Warning	: 9.0 °F
Vaporizer Low Temperature Alarm	: 18.0 °F
Vaporizer Low Temperature Warning	: 9.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00

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PHASE 03 STABILIZATION

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Internal Recirculation	: YES
Phase Time	: 00:10:00
Print Interval	: 00:01:00

PHASE 05 INITIAL N2 WASH(1) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial N2 Wash Level	: 27.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 04 LEAK CHECK

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Vacuum Leak Level Alarm	: 0.5 ''HgA
Internal Recirculation	: YES
Phase Time	: 00:05:00
Print Interval	: 00:01:00

PHASE 06 INITIAL EVACUATION(2) (Loop:1 Count:5) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00

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PHASE 07 HUMIDIFICATION(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.2 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
End Humidity Low Limit	: 18.3 mg/l
End Humidity High Limit	: 86.3 mg/l
Cycle Time to Event Minimum	: 00:33:00
Cycle Time to Event Maximum	: 05:30:00

PHASE 09 INITIAL EVACUATION(3) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Initial Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 00:15:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Maximum	: 00:30:00

PHASE 08 HUMIDIFICATION DWELL(1) Humidity Control:Pressure Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Humidity Level	: 21.0 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:02:00
Humidity Low Limit	: 18.3 mg/l
Humidity High Limit	: 86.3 mg/l
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Phase Time Minimum	: 00:45:00
Phase Time Maximum	: 01:30:00

PHASE 10 STERILANT INJECTION(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Pressure	: 28.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 27.0 ''HgA
Final Pressure Maximum Level	: 28.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

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Phase Time Minimum	: 00:00:01
Phase Time Maximum	: 00:15:00

PHASE 11 N2 BLANKET(1) Rate Control:Use Rate Control

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Nitrogen Blanket Pressure	: 29.0 ''HgA
Injection Pressure Increment Per Minute	: 0.8 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 01:00:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.5 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:01:00
Phase Time Maximum	: 01:00:00

PHASE 13 EXPOSURE(2)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Used Minimum Weight	: 15.0 Lbs.
Gas Used Maximum Weight	: 40.0 Lbs.

PHASE 12 EXPOSURE(1)

Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 12.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 10.0 °F
Chamber Low Temperature Warning	: 5.0 °F
Vaporizer Temperature	: 130.0 °F
Vaporizer High Temperature Alarm	: 20.0 °F
Vaporizer High Temperature Warning	: 10.0 °F
Vaporizer Low Temperature Alarm	: 30.0 °F
Vaporizer Low Temperature Warning	: 20.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 01:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 01:00:00
Phase Time Maximum	: 01:30:00
Time In Specification Minimum	: 01:00:00
Time In Specification Maximum	: 01:30:00

PHASE 14 STERILANT REMOVAL Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F

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Gas Makeup Differential Pressure	: 0.3 ''HgA
Maximum Gas Makeups	: 30
Exposure Pressure Offset	: 0.3 ''HgA
High Pressure Warning	: 0.5 ''HgA
Low Pressure Warning	: 0.5 ''HgA
High Pressure Alarm	: 0.6 ''HgA
Low Pressure Alarm	: 0.6 ''HgA
Internal Recirculation	: YES
Phase Time	: 11:00:00
Print Interval	: 00:01:00
Minimum Pressure Level	: 28.5 ''HgA
Maximum Pressure Level	: 29.5 ''HgA
Low Temperature Minimum	: 100.0 °F
High Temperature Maximum	: 130.0 °F
Low Gas Concentration Minimum	: 200.0 mg/l
High Gas Concentration Maximum	: 700.0 mg/l
Phase Time Minimum	: 09:00:00
Phase Time Maximum	: 12:00:00
Time In Specification Minimum	: 09:00:00
Time In Specification Maximum	: 12:00:00

PHASE 15 POST N2 WASH(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post N2 Wash Level	: 28.5 ''HgA
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 17 AIR BACKFILL(1) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Sterilant Removal Vacuum Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 0.8 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 7.0 ''HgA
Print Interval	: 00:01:00
Maximum Phase Time	: 01:00:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 01:00:00

PHASE 16 POST EVACUATION(1) (Loop:2 Count:6) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 18 POST EVACUATION(2) (Loop:3 Count:12) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F

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Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:02:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 19 AIR BACKFILL(2) Rate Control:Use Rate Control

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Chamber Temperature	: 118.0 °F
Chamber High Temperature Alarm	: 17.0 °F
Chamber High Temperature Warning	: 7.0 °F
Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Injection Pressure Increment Per Minute	: 1.5 ''HgA
Injection Fast Increment Alarm	: 0.8 ''HgA
Injection Slow Increment Alarm	: 0.8 ''HgA
Internal Recirculation	: YES
Maximum Phase Time	: 00:30:00
Print Interval	: 00:01:00
Final Pressure Minimum Level	: 28.0 ''HgA
Final Pressure Maximum Level	: 29.5 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

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Chamber Low Temperature Alarm	: 13.0 °F
Chamber Low Temperature Warning	: 8.0 °F
Vaporizer Temperature	: 120.0 °F
Vaporizer High Temperature Alarm	: 30.0 °F
Vaporizer High Temperature Warning	: 20.0 °F
Vaporizer Low Temperature Alarm	: 20.0 °F
Vaporizer Low Temperature Warning	: 10.0 °F
Preheater Temperature	: 125.0 °F
Preheater High Temperature Alarm	: 20.0 °F
Preheater High Temperature Warning	: 10.0 °F
Preheater Low Temperature Alarm	: 20.0 °F
Preheater Low Temperature Warning	: 10.0 °F
Post Evacuation Level	: 20.5 ''HgA
Evacuation Pressure Reduction Per Minute	: 1.5 ''HgA
Evacuation Fast Increment Alarm	: 0.8 ''HgA
Evacuation Slow Increment Alarm	: 0.8 ''HgA
Evacuation Slow Rate Stop Level	: 5.0 ''HgA
Print Interval	: 00:02:00
Maximum Phase Time	: 00:30:00
Internal Recirculation	: YES
Final Pressure Minimum Level	: 20.0 ''HgA
Final Pressure Maximum Level	: 21.0 ''HgA
Phase Time Minimum	: 00:03:00
Phase Time Maximum	: 00:30:00

PHASE 20 END OF CYCLE

Jacket Temperature	: 120.0 °F
Jacket Offset	: 5.0 °F
Internal Recirculation	: YES

INITIAL EVACUATION(1) 06/11/2015 00:15:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:00:00	0:00:00	30.2	30.3	29.9	38.9	61.3	112.1	113.0	112.6	110.6	113.0	112.7	111.3	118.9	127.5	126.1	122.9	81.1	78.6	108.9	324.0	669.7	0.9
	CHAMBER LOW TEMPERATURE WARNING 06/11/2015 00:15:01																						
0:00:00	0:00:00	30.2	30.3	29.9	38.9	61.3	112.1	113.0	112.6	110.6	113.0	112.7	111.3	118.9	127.5	126.1	122.9	81.1	78.6	108.9	324.0	669.6	0.8
	ALARM SILENCED (Akong) 06/11/2015 00:15:29																						
0:00:28	0:00:28	29.5	29.7	29.9	39.3	62.0	112.0	113.0	112.5	110.6	113.0	112.5	111.2	118.8	125.0	126.1	122.9	81.1	81.8	108.8	324.0	669.7	0.8
0:01:00	0:01:00	28.8	29.0	29.9	38.9	61.6	111.9	112.8	112.3	110.5	112.8	112.3	111.2	119.3	127.3	126.1	122.9	81.1	85.4	108.8	324.0	669.7	0.8
0:02:00	0:02:00	27.4	27.6	29.9	38.4	61.2	111.7	112.7	112.1	110.3	112.6	112.2	111.0	119.2	126.1	126.1	122.8	81.0	89.5	108.8	324.0	669.7	0.9

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0:03:00	0:03:00	26.0	26.2	29.9	38.0	60.4	111.7	112.7	112.1	110.3	112.8	112.1	111.0	118.9	124.8	126.0	122.7	81.0	91.8	108.8	324.0	669.7	0.9
0:04:00	0:04:00	24.7	24.9	29.9	37.1	59.0	111.7	112.7	112.0	110.3	112.8	112.1	111.0	118.8	125.6	126.0	122.8	81.0	93.3	108.8	324.0	669.7	0.9
0:05:00	0:05:00	23.3	23.5	29.9	36.6	58.2	111.7	112.8	112.1	110.3	112.8	112.1	111.2	119.3	127.6	125.9	122.6	80.9	94.6	108.8	324.0	669.7	0.8
0:06:01	0:06:01	22.0	22.1	29.9	36.2	57.5	111.7	112.8	112.1	110.3	112.8	112.1	111.0	119.8	127.7	125.9	122.6	80.8	95.5	108.8	324.0	669.7	0.9
0:07:01	0:07:01	20.6	20.8	29.9	35.7	56.9	111.7	112.8	112.0	110.2	112.8	112.2	111.0	119.6	126.7	125.9	122.5	80.8	96.1	108.8	324.0	669.7	0.9

INITIAL EVACUATION(1) SUMMARY 06/11/2015 00:22:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:06	0:07:06	20.5	20.6	29.9	35.3	56.0	111.8	112.9	112.1	110.3	112.9	112.2	111.0	119.6	126.1	125.9	122.6	80.8	96.2	108.8	324.0	669.7	0.9

START PRESS: 0030.2 MAX PRESS: 0030.2 MAX TEMP: 113.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 126.1 MAX GAS TEMP: 081.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 110.9 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.8 MIN GAS TEMP: 080.8
PRESS CHANGE: 009.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 123.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 122.5

STABILIZATION 06/11/2015 00:22:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:07:06	0:00:00	20.5	20.6	29.9	35.3	56.0	111.8	112.9	112.1	110.3	112.9	112.2	111.0	119.6	126.1	125.9	122.6	80.8	96.2	108.8	324.0	669.7	0.9
0:08:06	0:01:00	20.5	20.7	29.9	36.2	56.5	112.4	113.5	112.8	110.9	113.5	112.9	111.8	119.2	125.0	125.8	122.4	80.7	94.8	108.8	324.0	669.7	0.9
0:09:06	0:02:00	20.5	20.7	29.9	37.1	57.3	112.8	113.9	113.2	111.3	113.9	113.2	112.2	119.0	124.8	125.7	122.4	80.6	93.1	108.8	324.0	669.7	0.9
0:10:06	0:03:00	20.6	20.7	29.9	37.1	56.9	113.0	114.2	113.4	111.6	114.2	113.6	112.6	119.2	126.5	125.7	122.4	80.6	91.5	108.8	324.0	669.7	0.9
0:11:07	0:04:00	20.6	20.7	29.9	38.0	58.0	113.2	114.4	113.6	111.8	114.4	113.8	112.8	119.8	127.9	125.8	122.3	80.6	90.1	108.8	324.0	669.7	0.9
0:12:07	0:05:00	20.6	20.8	29.9	38.9	59.2	113.3	114.5	113.7	111.9	114.6	113.9	112.9	120.0	127.7	125.7	122.1	80.4	88.9	108.8	324.0	669.7	0.9
0:13:07	0:06:01	20.6	20.8	29.9	39.3	59.5	113.6	114.7	113.9	112.2	114.7	114.1	113.1	120.0	127.3	125.6	122.1	80.5	87.9	108.8	324.0	669.7	0.9
0:14:07	0:07:01	20.6	20.8	29.9	39.8	60.1	113.6	114.8	114.0	112.2	114.9	114.3	113.3	119.9	126.4	125.6	122.0	80.5	86.9	108.9	324.0	669.7	0.9
0:15:07	0:08:01	20.6	20.8	29.9	40.3	60.5	113.8	115.0	114.2	112.4	115.0	114.4	113.5	119.8	125.6	125.5	122.0	80.4	86.0	108.9	324.0	669.7	0.9
0:16:07	0:09:01	20.6	20.8	29.9	40.7	60.9	114.0	115.1	114.3	112.6	115.1	114.5	113.7	119.6	125.0	125.4	121.9	80.4	85.3	108.9	324.0	669.7	0.8

STABILIZATION SUMMARY 06/11/2015 00:32:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:06	0:10:00	20.7	20.8	29.9	40.7	60.6	114.2	115.3	114.5	112.8	115.3	114.7	113.7	119.6	125.1	125.3	121.8	80.3	84.6	108.8	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0020.7 MAX TEMP: 115.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.9 MAX GAS TEMP: 080.8
END PRESS: 0020.7 MIN PRESS: 0020.5 MIN TEMP: 111.0 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.3 MIN GAS TEMP: 080.3
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.8

LEAK CHECK 06/11/2015 00:32:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:17:06	0:00:00	20.7	20.8	29.9	40.7	60.6	114.2	115.3	114.5	112.8	115.3	114.7	113.7	119.6	125.1	125.3	121.8	80.3	84.6	108.8	324.0	669.7	0.9
0:18:06	0:01:00	20.7	20.8	29.9	41.2	61.0	114.3	115.5	114.7	112.9	115.5	114.8	113.9	119.6	125.0	125.3	121.7	80.2	84.1	108.9	324.0	669.7	0.9
0:19:06	0:02:00	20.7	20.8	29.9	41.6	61.7	114.4	115.5	114.7	113.0	115.5	114.8	114.0	119.6	125.0	125.2	121.7	80.2	83.5	108.8	324.0	669.7	0.9
0:20:07	0:03:00	20.7	20.9	29.9	42.1	62.0	114.6	115.7	114.9	113.2	115.7	115.0	114.2	119.8	125.2	125.2	121.6	80.2	83.0	108.9	324.0	669.7	0.8
0:21:07	0:04:00	20.7	20.9	29.9	42.5	62.5	114.7	115.8	115.0	113.3	115.8	115.2	114.3	119.8	125.1	125.2	121.6	80.2	82.6	108.9	324.0	669.7	0.9

LEAK CHECK SUMMARY 06/11/2015 00:37:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:06	0:05:00	20.7	20.9	29.9	42.5	62.4	114.7	115.8	115.0	113.4	115.9	115.3	114.4	119.6	124.9	125.2	121.5	80.1	82.2	108.9	324.0	669.7	0.8

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START PRESS: 0020.7 MAX PRESS: 0020.7 MAX TEMP: 115.9 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.4 MAX GAS TEMP: 080.4
END PRESS: 0020.7 MIN PRESS: 0020.7 MIN TEMP: 113.7 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 125.1 MIN GAS TEMP: 080.1
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.8
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

INITIAL N2 WASH(1) (Loop:1/5) 06/11/2015 00:37:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:22:06	0:00:00	20.7	20.9	29.9	42.5	62.4	114.7	115.8	115.0	113.4	115.9	115.3	114.4	119.6	124.9	125.2	121.5	80.1	82.2	108.9	324.0	669.7	0.8
0:23:06	0:01:00	22.0	22.2	29.9	43.9	63.6	115.2	116.3	115.6	113.8	116.3	115.8	115.0	119.3	124.3	125.1	121.4	92.9	81.8	108.9	324.0	669.7	0.9
0:24:06	0:02:00	23.4	23.6	29.9	44.8	64.2	115.6	116.7	115.9	114.3	116.7	116.2	115.4	119.4	124.3	125.1	121.3	104.9	81.6	108.8	324.0	669.7	0.8
0:25:07	0:03:00	24.8	24.9	29.9	44.8	63.8	115.8	116.9	116.1	114.5	116.9	116.4	115.7	119.6	124.4	125.0	121.2	110.0	81.3	108.8	324.0	669.7	0.8
0:26:07	0:04:00	26.1	26.3	29.9	45.3	64.1	116.1	117.1	116.3	114.8	117.1	116.4	116.0	119.6	124.1	125.1	121.1	111.7	81.1	108.8	324.0	669.7	0.9

INITIAL N2 WASH(1) (Loop:1/5) SUMMARY 06/11/2015 00:42:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:06	0:05:00	27.5	27.7	29.9	45.7	64.6	116.2	117.1	116.4	115.0	117.2	116.7	116.2	119.6	124.6	124.9	120.9	112.4	81.0	108.8	324.0	669.7	0.9

START PRESS: 0020.7 MAX PRESS: 0027.5 MAX TEMP: 117.2 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 125.2 MAX GAS TEMP: 112.4
END PRESS: 0027.5 MIN PRESS: 0020.7 MIN TEMP: 114.4 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.9 MIN GAS TEMP: 080.1
PRESS CHANGE: 006.8 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.9

INITIAL EVACUATION(2) (Loop:1/5) 06/11/2015 00:42:08

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:27:06	0:00:00	27.5	27.7	29.9	45.7	64.6	116.2	117.1	116.4	115.0	117.2	116.7	116.2	119.6	124.6	124.9	120.9	112.4	81.0	108.8	324.0	669.7	0.9
0:28:06	0:01:00	26.2	26.3	29.9	43.4	62.8	115.3	116.3	115.5	114.2	116.4	115.8	115.3	119.6	124.6	124.9	120.8	109.9	87.3	108.8	324.0	669.6	0.9
0:29:06	0:02:00	24.8	24.9	29.9	41.6	60.9	114.8	115.8	115.1	113.7	115.8	115.3	114.6	119.6	124.4	124.9	120.8	106.5	91.3	108.8	324.0	669.7	0.9
0:30:07	0:03:00	23.5	23.6	29.9	40.3	59.2	114.6	115.6	114.9	113.4	115.7	115.0	114.4	119.6	124.6	124.9	120.7	103.3	93.4	108.8	324.0	669.7	0.8
0:31:07	0:04:00	22.0	22.2	29.9	38.9	57.3	114.6	115.6	114.8	113.4	115.5	114.9	114.3	119.8	125.0	124.8	120.7	100.7	95.1	108.8	324.0	669.7	0.9
0:32:07	0:05:00	20.7	20.8	29.9	38.0	56.2	114.4	115.5	114.7	113.2	115.4	114.8	114.1	119.9	125.2	124.8	120.6	98.3	96.2	108.8	324.0	669.6	0.9

INITIAL EVACUATION(2) (Loop:1/5) SUMMARY 06/11/2015 00:47:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:17	0:05:12	20.5	20.6	29.9	38.0	56.2	114.4	115.5	114.7	113.2	115.4	114.8	114.1	119.2	123.4	124.9	120.6	98.0	96.3	108.9	324.0	669.7	0.6

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.0 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.7 MIN GAS TEMP: 098.0
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.5

INITIAL N2 WASH(1) (Loop:2/5) 06/11/2015 00:47:18

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:32:17	0:00:00	20.5	20.6	29.9	38.0	56.2	114.4	115.5	114.7	113.2	115.4	114.8	114.1	119.2	123.4	124.9	120.6	98.0	96.3	108.9	324.0	669.7	0.6
0:33:17	0:01:00	21.8	22.0	29.9	38.9	56.0	115.4	116.4	115.7	114.2	116.4	115.9	115.3	119.3	123.9	124.7	120.5	102.3	94.8	108.8	324.0	669.7	0.9
0:34:17	0:02:00	23.2	23.3	29.9	39.8	56.5	116.0	116.9	116.3	114.7	117.0	116.6	115.9	119.3	124.0	124.7	120.3	108.3	93.2	108.8	324.0	669.7	0.9
0:35:17	0:03:00	24.5	24.7	29.9	40.7	57.3	116.3	117.2	116.6	115.0	117.3	116.9	116.3	119.0	122.9	124.5	120.2	111.0	91.6	108.8	324.0	669.6	0.8
0:36:17	0:04:00	25.9	26.1	29.9	40.7	57.0	116.5	117.4	116.7	115.3	117.5	117.0	116.5	119.3	123.8	124.6	120.1	112.0	90.3	108.8	324.0	669.6	0.8

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0:37:17	0:05:00	27.3	27.4	29.9	41.2	57.4	116.6	117.4	116.9	115.5	117.6	117.2	116.8	119.6	124.1	124.5	120.0	112.4	89.1	108.8	324.0	669.6	0.9

INITIAL N2 WASH(1) (Loop:2/5) SUMMARY 06/11/2015 00:52:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:28	0:05:11	27.5	27.7	29.9	41.2	57.3	116.7	117.6	116.9	115.6	117.6	117.2	116.8	119.2	124.3	124.5	120.0	112.4	89.0	108.7	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 117.6 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 112.4
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.1 DRM1 END: 324.0 DRM2 END: 669.6 MIN PRE TEMP: 124.5 MIN GAS TEMP: 097.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

INITIAL EVACUATION(2) (Loop:2/5) 06/11/2015 00:52:29

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:37:28	0:00:00	27.5	27.7	29.9	41.2	57.3	116.7	117.6	116.9	115.6	117.6	117.2	116.8	119.2	124.3	124.5	120.0	112.4	89.0	108.7	324.0	669.7	0.9
0:38:28	0:01:00	26.1	26.3	29.9	39.8	56.7	115.8	116.8	116.0	114.7	116.8	116.3	115.8	118.9	123.5	124.5	119.8	110.0	92.2	108.8	324.0	669.7	0.8
0:39:28	0:02:00	24.8	25.0	29.9	38.0	54.8	115.3	116.3	115.6	114.2	116.3	115.8	115.3	119.2	123.9	124.3	119.8	106.9	94.7	108.7	324.0	669.6	0.8
0:40:28	0:03:00	23.4	23.5	29.9	36.6	53.2	115.1	116.1	115.4	114.0	116.2	115.5	115.0	119.0	123.4	124.5	119.7	104.0	96.1	108.7	324.0	669.7	0.9
0:41:28	0:04:00	22.1	22.2	29.9	36.2	52.7	115.0	115.8	115.3	113.8	116.0	115.4	114.8	119.2	123.7	124.5	119.7	101.6	97.1	108.8	324.0	669.7	0.9
0:42:28	0:05:00	20.7	20.8	29.9	35.3	51.5	114.9	115.8	115.2	113.8	115.8	115.3	114.6	119.2	123.3	124.3	119.6	99.4	97.8	108.7	324.0	669.7	0.9

INITIAL EVACUATION(2) (Loop:2/5) SUMMARY 06/11/2015 00:57:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:36	0:05:09	20.5	20.6	29.9	35.3	51.5	114.9	115.8	115.2	113.7	115.8	115.3	114.6	119.0	124.9	124.4	119.6	99.1	97.9	108.7	324.0	669.7	0.8

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 117.6 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.5 MAX GAS TEMP: 112.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 114.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.3 MIN GAS TEMP: 099.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.0
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.6

INITIAL N2 WASH(1) (Loop:3/5) 06/11/2015 00:57:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:42:37	0:00:00	20.5	20.6	29.9	35.3	51.5	114.9	115.8	115.2	113.7	115.8	115.3	114.6	119.0	124.9	124.4	119.6	99.1	97.9	108.7	324.0	669.7	0.8
0:43:37	0:01:00	21.9	22.0	29.9	36.2	51.5	115.9	116.8	116.2	114.6	116.8	116.4	115.8	119.3	125.9	124.3	119.5	102.4	96.5	108.7	324.0	669.7	0.9
0:44:37	0:02:00	23.2	23.4	29.9	37.1	52.0	116.5	117.4	116.7	115.3	117.4	117.0	116.5	119.2	124.6	124.2	119.3	108.0	94.8	108.7	324.0	669.6	0.9
0:45:37	0:03:00	24.6	24.7	29.9	38.0	52.9	116.7	117.6	117.0	115.6	117.6	117.3	116.8	118.9	123.9	124.2	119.3	110.6	93.3	108.7	324.0	669.7	0.9
0:46:37	0:04:00	25.9	26.1	29.9	38.4	53.2	116.9	117.8	117.2	115.8	117.9	117.5	117.1	119.2	124.2	124.1	119.2	111.5	91.8	108.7	324.0	669.7	0.9
0:47:37	0:05:00	27.3	27.5	29.9	38.9	53.5	117.1	118.0	117.4	116.1	118.0	117.6	117.3	118.9	123.7	129.1	119.1	111.8	90.6	108.6	324.0	669.7	0.9

INITIAL N2 WASH(1) (Loop:3/5) SUMMARY 06/11/2015 01:02:47

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:46	0:05:09	27.5	27.7	29.9	38.9	53.5	117.1	118.0	117.4	116.1	118.1	117.6	117.3	119.4	126.1	129.3	119.1	111.9	90.5	108.7	324.0	669.7	0.8

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.3 MAX GAS TEMP: 111.9
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 114.6 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.0 MIN GAS TEMP: 098.8
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.1

INITIAL EVACUATION(2) (Loop:3/5) 06/11/2015 01:02:47

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CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:47:46	0:00:00	27.5	27.7	29.9	38.9	53.5	117.1	118.0	117.4	116.1	118.1	117.6	117.3	119.4	126.1	129.3	119.1	111.9	90.5	108.7	324.0	669.7	0.8
0:48:46	0:01:00	26.2	26.3	29.9	37.1	52.3	116.2	117.1	116.4	115.2	117.1	116.6	116.3	119.6	126.6	129.3	122.2	109.7	93.4	109.9	324.0	669.7	0.9
0:49:46	0:02:00	24.8	24.9	29.9	35.7	51.1	115.7	116.6	115.9	114.6	116.6	116.2	115.7	119.4	125.7	129.0	122.3	106.8	95.6	109.1	324.0	669.7	0.8
0:50:46	0:03:00	23.5	23.6	29.9	34.8	50.0	115.5	116.4	115.7	114.4	116.4	115.9	115.5	119.0	124.7	128.8	122.3	104.1	96.7	109.0	324.0	669.7	0.9
0:51:46	0:04:00	22.0	22.2	29.9	34.3	49.5	115.4	116.3	115.6	114.3	116.3	115.9	115.3	119.2	124.8	128.8	122.2	101.7	97.6	109.0	324.0	669.7	0.9
0:52:46	0:05:00	20.7	20.9	29.9	33.4	48.4	115.3	116.2	115.5	114.2	116.2	115.7	115.3	119.0	124.3	128.8	122.2	99.6	98.3	109.1	324.0	669.7	0.9

INITIAL EVACUATION(2) (Loop:3/5) SUMMARY 06/11/2015 01:07:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:55	0:05:09	20.5	20.6	29.9	33.4	48.4	115.2	116.2	115.5	114.1	116.2	115.8	115.3	119.6	126.7	128.9	122.2	99.3	98.3	109.1	324.0	669.7	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.1 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 129.4 MAX GAS TEMP: 111.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.8 MIN GAS TEMP: 099.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 119.0

INITIAL N2 WASH(1) (Loop:4/5) 06/11/2015 01:07:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:52:55	0:00:00	20.5	20.6	29.9	33.4	48.4	115.2	116.2	115.5	114.1	116.2	115.8	115.3	119.6	126.7	128.9	122.2	99.3	98.3	109.1	324.0	669.7	0.9
0:53:55	0:01:00	21.8	22.0	29.9	34.8	49.2	116.2	117.1	116.4	115.0	117.1	116.7	116.1	119.8	126.9	128.8	122.1	103.4	97.0	109.0	324.0	669.6	0.9
0:54:55	0:02:00	23.2	23.3	29.9	35.7	49.6	116.7	117.7	117.0	115.6	117.7	117.3	116.9	119.4	126.4	128.8	121.9	109.6	95.3	109.1	324.0	669.7	0.9
0:55:56	0:03:00	24.5	24.7	29.9	36.2	49.9	117.0	117.8	117.3	116.0	117.9	117.6	117.2	119.6	126.4	128.8	121.8	112.5	93.8	109.1	324.0	669.7	0.9
0:56:56	0:04:00	25.9	26.0	29.9	36.6	50.2	117.3	118.1	117.6	116.3	118.1	117.8	117.4	119.3	125.9	128.7	121.7	113.5	92.4	109.0	324.0	669.6	0.9
0:57:56	0:05:00	27.3	27.5	29.9	37.1	50.7	117.4	118.2	117.6	116.5	118.2	117.9	117.7	119.6	126.6	128.6	121.6	113.8	91.1	109.0	324.0	669.7	0.9

INITIAL N2 WASH(1) (Loop:4/5) SUMMARY 06/11/2015 01:13:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:05	0:05:10	27.5	27.7	29.9	37.0	50.6	117.4	118.2	117.7	116.5	118.3	117.9	117.7	120.3	128.0	128.7	121.6	113.9	91.0	109.1	324.0	669.7	0.8

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.9 MAX GAS TEMP: 113.9
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.1 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.6 MIN GAS TEMP: 099.1
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.5

INITIAL EVACUATION(2) (Loop:4/5) 06/11/2015 01:13:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
0:58:05	0:00:00	27.5	27.7	29.9	37.0	50.6	117.4	118.2	117.7	116.5	118.3	117.9	117.7	120.3	128.0	128.7	121.6	113.9	91.0	109.1	324.0	669.7	0.8
0:59:05	0:01:00	26.1	26.3	29.9	35.3	49.3	116.6	117.4	116.7	115.6	117.4	116.9	116.7	120.0	127.6	128.6	121.5	111.6	93.8	109.0	324.0	669.7	0.8
1:00:05	0:02:00	24.8	25.0	29.9	34.3	48.6	116.1	116.9	116.3	115.0	116.9	116.4	116.1	120.0	127.7	128.6	121.4	108.6	95.7	109.0	324.0	669.7	0.8
1:01:05	0:03:00	23.4	23.5	29.9	33.4	47.6	115.8	116.6	116.1	114.8	116.7	116.2	115.8	119.8	126.9	128.6	121.3	105.8	97.1	109.1	324.0	669.7	0.8
1:02:05	0:04:00	22.0	22.2	29.9	33.0	47.2	115.7	116.5	116.0	114.6	116.5	116.1	115.6	119.8	126.9	128.5	121.2	103.2	97.9	109.0	324.0	669.6	0.9
1:03:06	0:05:00	20.7	20.8	29.9	32.5	46.6	115.6	116.4	115.9	114.5	116.4	115.9	115.5	119.3	125.8	128.4	121.2	101.1	98.7	109.1	324.0	669.6	0.9

INITIAL EVACUATION(2) (Loop:4/5) SUMMARY 06/11/2015 01:18:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:15	0:05:10	20.5	20.6	29.9	32.5	46.6	115.6	116.4	115.9	114.5	116.4	115.9	115.5	120.1	127.7	128.4	121.2	100.7	98.7	109.0	324.0	669.6	0.9

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START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.3 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.7 MAX GAS TEMP: 113.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 324.0 DRM2 END: 669.6 MIN PRE TEMP: 128.4 MIN GAS TEMP: 100.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 121.2

INITIAL N2 WASH(1) (Loop:5/5) 06/11/2015 01:18:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:03:15	0:00:00	20.5	20.6	29.9	32.5	46.6	115.6	116.4	115.9	114.5	116.4	115.9	115.5	120.1	127.7	128.4	121.2	100.7	98.7	109.0	324.0	669.6	0.9
1:04:15	0:01:00	21.8	22.0	29.9	33.4	46.8	116.5	117.3	116.8	115.4	117.4	117.1	116.6	120.1	127.9	128.4	121.1	103.9	97.3	109.1	324.0	669.7	0.8
1:05:15	0:02:00	23.2	23.4	29.9	34.2	47.1	117.1	117.8	117.4	116.1	117.9	117.6	117.2	119.9	127.4	128.3	121.0	109.4	95.7	109.1	324.0	669.6	0.8
1:06:15	0:03:00	24.5	24.7	29.9	35.2	48.2	117.3	118.1	117.6	116.4	118.2	117.9	117.6	120.3	127.9	128.1	120.8	111.9	94.1	109.0	324.0	669.7	1.0
1:07:15	0:04:00	25.9	26.1	29.9	35.3	48.0	117.6	118.3	117.8	116.6	118.3	118.0	117.8	120.0	127.5	128.1	120.8	112.9	92.6	109.0	324.0	669.7	0.9
CHAMBER LOW TEMPERATURE WARNING RESET 06/11/2015 01:22:37																							
1:07:35	0:04:20	26.3	26.5	29.9	35.3	47.9	117.6	118.3	117.8	116.7	118.4	118.1	117.9	120.1	126.3	128.0	120.7	113.0	92.2	109.0	324.0	669.7	0.9
1:08:16	0:05:00	27.3	27.5	29.9	35.7	48.4	117.7	118.5	117.9	116.8	118.5	118.2	118.0	120.1	127.8	128.0	120.6	113.2	91.4	109.0	324.0	669.7	0.9

INITIAL N2 WASH(1) (Loop:5/5) SUMMARY 06/11/2015 01:23:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:24	0:05:08	27.5	27.7	29.9	35.7	48.4	117.7	118.5	117.9	116.8	118.5	118.2	118.1	120.5	128.0	128.0	120.6	113.2	91.3	109.0	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0027.5 MAX TEMP: 118.6 DRM1 START: 324.0 DRM2 START: 669.6 MAX PRE TEMP: 128.5 MAX GAS TEMP: 113.2
END PRESS: 0027.5 MIN PRESS: 0020.5 MIN TEMP: 115.5 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 128.0 MIN GAS TEMP: 100.3
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.6

INITIAL EVACUATION(2) (Loop:5/5) 06/11/2015 01:23:25

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:08:24	0:00:00	27.5	27.7	29.9	35.7	48.4	117.7	118.5	117.9	116.8	118.5	118.2	118.1	120.5	128.0	128.0	120.6	113.2	91.3	109.0	324.0	669.7	0.9
1:09:24	0:01:00	26.2	26.3	29.9	34.4	47.8	116.7	117.4	116.9	115.8	117.6	117.2	117.1	120.3	127.8	128.1	120.5	111.1	94.0	109.0	324.0	669.7	0.9
1:10:24	0:02:00	24.8	25.0	29.9	33.4	47.1	116.3	117.1	116.5	115.3	117.2	116.8	116.5	120.5	128.0	128.1	120.4	108.1	96.0	109.0	324.0	669.7	0.9
1:11:25	0:03:00	23.4	23.6	29.9	32.5	46.0	116.1	116.9	116.3	115.1	116.9	116.4	116.2	120.3	127.8	127.9	120.3	105.5	97.2	109.0	324.0	669.7	0.8
1:12:25	0:04:00	22.1	22.2	29.9	32.5	46.2	115.9	116.7	116.2	114.9	116.8	116.4	116.0	120.4	128.1	127.8	120.3	103.1	98.0	109.0	324.0	669.7	0.9
1:13:25	0:05:01	20.7	20.8	29.9	31.6	45.1	115.8	116.6	116.0	114.7	116.6	116.3	115.8	120.0	127.5	127.7	120.3	100.9	98.8	109.0	324.0	669.7	0.9

INITIAL EVACUATION(2) (Loop:5/5) SUMMARY 06/11/2015 01:28:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:32	0:05:08	20.5	20.6	29.9	31.6	45.1	115.8	116.6	116.0	114.7	116.6	116.2	115.8	120.3	127.8	127.7	120.3	100.7	98.8	109.0	324.0	669.7	0.9

START PRESS: 0027.5 MAX PRESS: 0027.5 MAX TEMP: 118.5 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.2 MAX GAS TEMP: 113.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.7 MIN GAS TEMP: 100.7
PRESS CHANGE: 007.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.2

HUMIDIFICATION(1) 06/11/2015 01:28:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:13:32	0:00:00	20.5	20.6	29.9	31.6	45.1	115.8	116.6	116.0	114.7	116.6	116.2	115.8	120.3	127.8	127.7	120.3	100.7	98.8	109.0	324.0	669.7	0.9

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1:14:32	0:01:00	20.6	20.8	29.9	33.0	46.4	116.3	116.9	116.7	115.4	116.9	116.9	116.6	119.8	126.1	127.7	120.2	98.8	97.5	109.0	324.0	669.7	0.9
1:15:32	0:02:00	20.9	21.0	29.9	38.4	53.6	116.6	116.9	117.1	115.9	116.9	117.4	117.2	119.9	126.2	127.7	120.2	97.1	95.7	109.0	324.0	669.7	0.9
1:16:32	0:03:00	21.0	21.2	29.9	45.7	63.4	116.8	116.9	117.4	116.2	117.1	117.7	117.5	119.8	126.1	127.6	120.0	95.5	94.2	108.9	324.0	669.6	0.9
1:17:32	0:04:00	21.2	21.3	29.9	53.0	73.0	117.1	117.2	117.7	116.5	117.3	118.0	117.8	118.9	121.5	127.7	120.0	94.2	92.7	108.9	324.0	669.7	0.8

HUMIDIFICATION(1) SUMMARY 06/11/2015 01:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:34	0:04:02	21.2	21.4	29.9	53.5	73.7	117.1	117.2	117.6	116.5	117.3	117.9	117.8	118.8	121.4	127.7	120.0	94.2	92.7	108.9	324.0	669.7	0.9

START PRESS: 0020.5 MAX PRESS: 0021.2 MAX TEMP: 118.0 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.8 MAX GAS TEMP: 100.7
END PRESS: 0021.2 MIN PRESS: 0020.5 MIN TEMP: 115.8 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 127.6 MIN GAS TEMP: 094.2
PRESS CHANGE: 000.7 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

HUMIDIFICATION DWELL(1) 06/11/2015 01:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
1:17:34	0:00:00	21.2	21.4	29.9	53.5	73.7	117.1	117.2	117.6	116.5	117.3	117.9	117.8	118.8	121.4	127.7	120.0	94.2	92.7	108.9	324.0	669.7	0.9
1:19:34	0:02:00	21.3	21.4	29.9	63.4	86.6	117.4	117.6	118.1	116.7	117.6	118.3	118.0	119.2	123.3	127.5	132.4	91.9	90.3	111.3	324.0	669.7	0.9
1:21:34	0:04:00	21.2	21.4	29.9	64.8	88.4	117.4	117.7	118.1	116.6	117.8	118.3	118.0	119.3	124.0	127.5	132.4	90.1	88.4	110.4	324.0	669.7	0.8
1:23:34	0:06:00	21.2	21.4	29.9	64.3	87.9	117.4	117.7	118.0	116.6	117.7	118.2	117.8	119.4	124.3	127.4	132.1	88.7	86.8	110.5	324.0	669.7	0.9
1:25:35	0:08:00	21.2	21.4	29.9	63.4	86.6	117.4	117.8	118.0	116.5	117.8	118.2	117.8	119.4	124.7	127.3	131.9	87.4	85.6	110.5	324.0	669.7	0.8
1:27:35	0:10:00	21.2	21.3	29.9	62.5	85.3	117.5	117.8	118.0	116.6	117.9	118.3	117.8	119.3	124.4	127.3	131.8	86.4	84.6	110.7	324.0	669.7	0.8
1:29:35	0:12:01	21.2	21.3	29.9	61.6	84.3	117.4	117.8	117.9	116.5	117.9	118.2	117.8	119.3	124.6	127.2	131.6	85.7	83.8	110.7	324.0	669.7	0.8
1:31:35	0:14:01	21.2	21.3	29.9	61.2	83.6	117.4	117.8	117.9	116.5	117.9	118.2	117.8	119.2	124.0	127.0	131.4	84.8	83.1	110.7	324.0	669.7	0.8
1:33:35	0:16:01	21.1	21.3	29.9	60.7	82.9	117.4	117.8	118.0	116.5	118.0	118.2	117.8	119.2	123.7	126.9	131.2	84.3	82.5	110.7	324.0	669.7	0.8
1:35:35	0:18:01	21.1	21.3	29.9	59.8	81.7	117.4	117.8	117.9	116.5	117.9	118.2	117.7	119.0	123.4	126.7	131.1	83.9	82.1	110.8	324.0	669.7	0.8
1:37:35	0:20:01	21.1	21.3	29.9	59.3	81.1	117.4	117.8	117.9	116.5	118.0	118.2	117.8	118.9	123.4	126.7	130.8	83.4	81.6	110.8	324.0	669.7	0.9
1:39:35	0:22:01	21.1	21.3	29.9	58.9	80.5	117.4	117.8	117.9	116.5	118.1	118.2	117.8	118.8	122.8	126.6	130.6	83.0	81.2	110.8	324.0	669.7	0.9
1:41:36	0:24:01	21.1	21.3	29.9	58.0	79.1	117.4	118.0	117.9	116.5	118.1	118.2	117.8	118.7	122.6	126.5	130.4	82.7	80.9	110.8	324.0	669.7	0.8
1:43:36	0:26:01	21.1	21.3	29.9	58.0	79.2	117.4	118.0	117.9	116.5	118.1	118.2	117.8	118.7	122.5	126.5	130.3	82.3	80.7	110.9	324.0	669.7	0.8
1:45:36	0:28:02	21.1	21.3	29.9	57.5	78.5	117.4	118.0	117.9	116.5	118.1	118.2	117.7	118.6	122.0	126.4	130.1	82.2	80.5	110.9	324.0	669.7	0.8
1:47:36	0:30:02	21.1	21.3	29.9	57.5	78.4	117.5	118.1	118.0	116.5	118.2	118.2	117.8	118.4	121.7	126.2	129.9	81.9	80.3	110.9	324.0	669.7	0.9
1:49:36	0:32:02	21.1	21.3	29.9	56.6	77.2	117.5	118.1	117.9	116.5	118.1	118.2	117.8	118.4	121.8	126.1	129.8	81.7	80.1	110.9	324.0	669.6	0.9
1:51:36	0:34:02	21.1	21.3	29.9	56.6	77.2	117.5	118.1	117.9	116.5	118.2	118.2	117.8	118.3	121.4	126.0	129.6	81.4	80.0	110.9	324.0	669.7	0.8
1:53:36	0:36:02	21.1	21.3	29.9	56.2	76.6	117.5	118.1	117.9	116.5	118.1	118.2	117.8	118.3	121.3	126.0	129.5	81.4	79.9	110.9	324.0	669.7	0.9
1:55:36	0:38:02	21.1	21.3	29.9	55.7	75.8	117.5	118.2	118.0	116.5	118.2	118.2	117.8	118.2	120.9	125.9	129.2	81.2	79.8	110.8	324.0	669.7	0.8
1:57:36	0:40:02	21.1	21.3	29.9	55.7	76.0	117.5	118.1	117.9	116.5	118.2	118.2	117.8	118.1	120.7	125.8	129.1	81.0	79.6	110.8	324.0	669.7	0.9
1:59:37	0:42:02	21.1	21.3	29.9	55.7	75.8	117.5	118.2	118.0	116.5	118.2	118.2	117.8	118.0	120.4	125.6	132.3	80.9	79.6	111.5	324.0	669.7	0.9
2:01:37	0:44:02	21.1	21.3	29.9	55.3	75.4	117.5	118.1	117.9	116.5	118.2	118.2	117.8	118.0	121.0	125.6	132.1	80.8	79.5	111.2	324.0	669.7	0.8
2:03:37	0:46:03	21.1	21.3	29.9	55.3	75.2	117.5	118.2	118.0	116.5	118.2	118.2	117.8	117.8	121.1	125.5	132.1	80.7	79.5	111.3	324.0	669.7	0.8
2:05:37	0:48:03	21.1	21.3	29.9	54.8	74.6	117.5	118.2	118.0	116.5	118.2	118.2	117.8	118.1	122.5	125.4	131.9	80.6	79.4	111.3	324.0	669.7	0.8
2:07:37	0:50:03	21.1	21.3	29.9	54.8	74.5	117.6	118.3	118.0	116.6	118.2	118.2	117.8	118.6	124.4	125.3	131.6	80.6	79.4	111.3	324.0	669.7	0.9
2:09:37	0:52:03	21.1	21.3	29.9	54.8	74.6	117.5	118.2	118.0	116.5	118.3	118.3	117.8	118.9	125.2	125.1	131.4	80.5	79.3	111.2	324.0	669.7	0.9
2:11:37	0:54:03	21.1	21.3	29.9	54.8	74.5	117.6	118.3	118.0	116.6	118.3	118.3	117.9	119.4	126.6	125.2	131.2	80.4	79.3	111.3	324.0	669.7	0.8
2:13:37	0:56:03	21.1	21.3	29.9	54.3	73.8	117.6	118.3	118.1	116.6	118.3	118.3	117.8	119.8	127.1	124.9	131.1	80.3	79.3	111.3	324.0	669.7	0.9
2:15:38	0:58:03	21.1	21.3	29.9	54.3	73.8	117.6	118.3	118.1	116.6	118.3	118.3	117.9	119.9	126.8	124.9	130.9	80.2	79.3	111.3	324.0	669.7	0.8

HUMIDIFICATION DWELL(1) SUMMARY 06/11/2015 02:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:34	1:00:00	21.1	21.3	29.9	54.3	73.9	117.6	118.3	118.0	116.5	118.4	118.3	117.9	119.9	127.1	124.8	130.7	80.2	79.2	111.2	324.0	669.7	0.9

START PRESS: 0021.2 MAX PRESS: 0021.3 MAX TEMP: 118.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 127.8 MAX GAS TEMP: 094.2

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END PRESS: 0021.1 MIN PRESS: 0021.1 MIN TEMP: 117.3 DRM1 END: 324.0 DRM2 END: 669.7 MIN PRE TEMP: 124.8 MIN GAS TEMP: 080.1
PRESS CHANGE: 000.1 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.5
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 120.0

INITIAL EVACUATION(3) 06/11/2015 02:32:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:17:34	0:00:00	21.1	21.3	29.9	54.3	73.9	117.6	118.3	118.0	116.5	118.4	118.3	117.9	119.9	127.1	124.8	130.7	80.2	79.2	111.2	324.0	669.7	0.9

INITIAL EVACUATION(3) SUMMARY 06/11/2015 02:33:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:04	0:00:30	20.5	20.6	29.9	53.9	73.7	117.4	118.1	117.8	116.3	118.1	118.0	117.6	119.2	125.1	124.8	130.7	80.2	83.1	111.2	324.0	669.7	0.9

START PRESS: 0021.1 MAX PRESS: 0021.1 MAX TEMP: 118.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 124.9 MAX GAS TEMP: 080.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.6 DRM1 END: 324.0 DRM2 END: 669.6 MIN PRE TEMP: 124.8 MIN GAS TEMP: 080.2
PRESS CHANGE: 000.6 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 130.7
EO USED PHASE: 000.0 EO USED CYCLE:000.0 MIN VAP TEMP: 130.7

STERILANT INJECTION(1) 06/11/2015 02:33:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:18:04	0:00:00	20.5	20.6	29.9	53.9	73.7	117.4	118.1	117.8	116.3	118.1	118.0	117.6	119.2	125.1	124.8	130.7	80.2	83.1	111.2	324.0	669.7	0.9
2:19:04	0:01:00	21.1	21.3	29.9	54.3	74.0	117.5	118.2	118.0	116.5	118.2	118.3	117.8	119.0	123.4	124.8	129.9	110.5	83.2	111.2	324.0	660.6	0.8
2:20:04	0:02:00	21.8	22.0	29.9	56.2	76.6	117.5	118.1	118.0	116.4	118.1	118.3	117.7	118.0	121.8	124.6	128.9	111.2	82.7	111.2	324.0	660.5	39.9
2:21:04	0:03:00	22.6	22.7	29.9	58.9	80.9	117.2	117.8	117.8	116.1	117.9	118.1	117.4	119.2	123.8	124.5	131.9	115.4	82.2	112.0	324.0	660.2	92.7
2:22:05	0:04:00	23.3	23.4	29.9	60.7	83.2	117.3	117.8	117.8	116.2	117.9	118.1	117.6	118.0	121.5	124.3	130.9	114.4	81.9	111.5	324.0	659.2	148.3
2:23:05	0:05:00	24.0	24.1	29.9	62.5	85.5	117.4	117.8	117.9	116.4	117.9	118.1	117.6	119.2	124.1	124.2	130.0	113.2	81.6	111.4	324.0	658.2	202.6
2:24:05	0:06:00	24.6	24.8	29.9	64.3	87.9	117.4	118.0	117.9	116.4	118.0	118.2	117.7	118.1	121.7	123.9	129.0	112.5	81.3	111.3	324.0	657.3	256.8
2:25:05	0:07:01	25.3	25.5	29.9	66.1	90.9	117.2	117.7	117.7	116.2	117.8	118.0	117.4	119.2	124.0	128.8	131.9	113.7	81.1	112.4	324.0	657.3	312.5
2:26:05	0:08:01	26.0	26.1	29.9	67.5	93.4	116.9	117.4	117.5	115.9	117.4	117.8	117.0	118.8	124.8	128.6	131.1	112.4	80.8	111.6	324.0	657.3	369.8
2:27:05	0:09:01	26.6	26.8	29.9	68.4	95.3	116.7	117.1	117.3	115.6	117.2	117.6	116.8	118.7	123.0	128.3	130.5	112.2	80.7	111.5	324.0	657.3	427.1
2:28:05	0:10:01	27.3	27.5	29.9	68.9	95.4	116.9	117.4	117.5	115.8	117.5	117.8	116.9	118.7	122.9	128.0	130.0	113.5	80.6	111.5	324.0	651.0	479.9
2:29:05	0:11:01	28.0	28.1	29.9	70.2	96.9	117.0	117.6	117.6	115.9	117.7	117.9	117.1	118.8	122.6	127.7	128.8	111.5	80.4	111.4	323.9	649.3	531.2

STERILANT INJECTION(1) SUMMARY 06/11/2015 02:44:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:06	0:11:01	28.0	28.2	29.9	70.2	96.9	117.0	117.6	117.6	115.9	117.7	117.9	117.1	118.8	122.5	127.7	128.8	111.7	80.4	111.4	323.9	649.3	532.3

START PRESS: 0020.5 MAX PRESS: 0028.0 MAX TEMP: 118.4 DRM1 START: 324.0 DRM2 START: 669.7 MAX PRE TEMP: 128.8 MAX GAS TEMP: 117.7
END PRESS: 0028.0 MIN PRESS: 0020.5 MIN TEMP: 116.7 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 123.8 MIN GAS TEMP: 108.4
PRESS CHANGE: 007.5 ETO USED 1: 000.1 ETO USED 2: 020.4 MAX VAP TEMP: 131.9
EO USED PHASE: 020.4 EO USED CYCLE:020.4 MIN VAP TEMP: 128.8

N2 BLANKET(1) 06/11/2015 02:44:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:29:06	0:00:00	28.0	28.2	29.9	70.2	96.9	117.0	117.6	117.6	115.9	117.7	117.9	117.1	118.8	122.5	127.7	128.8	111.7	80.4	111.4	323.9	649.3	532.3
2:30:06	0:01:00	28.7	28.8	29.9	71.6	98.9	117.0	117.4	117.5	116.0	117.5	117.8	117.1	119.0	125.7	127.5	131.9	109.8	80.3	112.2	323.9	649.3	582.5

N2 BLANKET(1) SUMMARY 06/11/2015 02:45:35

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

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hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
2:30:34	0:01:2	29.0	29.2	29.9	72.0	99.3	117.1	117.6	117.6	116.1	117.6	117.9	117.2	119.6	125.3	127.3	131.8	110.8	80.2	111.8	323.9	649.3	605.0

START PRESS: 0028.0 MAX PRESS: 0029.0 MAX TEMP: 118.0 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.7 MAX GAS TEMP: 113.7
END PRESS: 0029.0 MIN PRESS: 0028.0 MIN TEMP: 117.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.3 MIN GAS TEMP: 109.7
PRESS CHANGE: 001.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 131.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 128.7

EXPOSURE(1) 06/11/2015 02:45:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
2:30:34	0:00:00	29.0	29.2	29.9	72.0	99.3	117.1	117.6	117.6	116.1	117.6	117.9	117.2	119.6	125.3	127.3	131.8	110.8	80.2	111.8	323.9	649.3	605.0
2:31:35	0:01:00	29.0	29.1	29.9	72.1	99.1	117.1	117.7	117.6	116.2	117.8	117.9	117.4	118.0	120.5	127.1	131.8	110.4	80.2	111.8	323.9	649.3	621.7
2:32:35	0:02:00	29.0	29.1	29.9	71.6	98.3	117.2	117.8	117.6	116.3	117.8	117.9	117.4	119.6	125.3	126.9	131.6	108.4	80.0	111.7	323.9	649.3	621.7
2:33:35	0:03:00	28.9	29.1	29.9	71.6	98.2	117.3	117.8	117.7	116.3	117.9	118.0	117.5	118.0	120.5	126.7	131.6	106.4	79.9	111.7	323.9	649.3	618.6
2:34:35	0:04:00	28.9	29.0	29.9	71.6	97.8	117.4	118.0	117.8	116.4	118.1	118.1	117.6	119.4	125.2	126.6	131.4	104.6	79.8	111.7	323.9	649.3	611.1
2:35:35	0:05:00	28.8	29.0	29.9	71.6	97.8	117.4	118.0	117.8	116.5	118.1	118.1	117.6	118.1	120.5	126.4	131.4	102.8	79.7	111.8	323.9	649.3	605.0
2:36:35	0:06:01	28.8	29.0	29.9	71.6	97.6	117.5	118.1	117.9	116.5	118.2	118.2	117.7	119.6	125.5	126.2	131.4	101.2	79.7	111.8	323.9	649.3	596.0
2:37:35	0:07:01	28.8	28.9	29.9	71.6	97.6	117.5	118.1	117.9	116.5	118.2	118.2	117.7	118.0	120.6	126.0	131.1	99.6	79.6	111.8	323.9	649.3	588.4
2:38:35	0:08:01	28.7	28.9	29.9	72.0	98.1	117.5	118.2	117.9	116.6	118.2	118.2	117.8	119.6	125.3	125.8	131.1	98.3	79.5	111.7	323.9	649.3	580.9
BEGIN GAS ADDITION (1) (Akong) 06/11/2015 02:54:32																							
2:39:30	0:08:56	28.7	28.9	29.9	72.0	97.8	117.6	118.3	118.0	116.7	118.3	118.2	117.9	118.2	120.9	125.6	131.1	97.2	79.5	111.7	323.9	649.3	574.9
2:39:35	0:09:01	28.8	29.0	29.9	72.0	97.8	117.6	118.3	118.0	116.7	118.3	118.3	117.9	118.1	120.6	125.6	131.1	97.1	79.5	111.7	323.9	649.3	574.9
END GAS ADDITION (1) (Akong) 06/11/2015 02:54:44																							
2:39:43	0:09:09	29.0	29.2	29.9	72.0	97.8	117.6	118.3	118.0	116.7	118.3	118.3	117.9	118.0	120.3	125.6	131.1	97.2	79.5	111.7	323.9	649.3	574.9
2:40:35	0:10:01	29.0	29.2	29.9	72.5	98.5	117.6	118.3	118.0	116.6	118.4	118.4	117.9	119.8	125.9	125.4	130.8	98.3	79.5	111.7	323.9	649.3	571.8
2:41:36	0:11:01	29.0	29.1	29.9	72.5	98.5	117.6	118.3	118.0	116.6	118.4	118.4	117.9	118.2	120.8	125.2	130.8	97.1	79.4	111.7	323.9	649.3	561.3
2:42:36	0:12:01	29.0	29.1	29.9	72.5	98.2	117.7	118.3	118.1	116.8	118.4	118.4	118.0	119.8	126.1	125.1	130.7	96.0	79.4	111.7	323.9	649.3	553.7
2:43:36	0:13:01	28.9	29.1	29.9	72.5	98.2	117.7	118.3	118.1	116.8	118.4	118.3	117.9	118.2	120.8	124.9	130.5	94.8	79.4	111.7	323.9	649.3	547.7
2:44:36	0:14:01	28.9	29.1	29.9	72.5	98.2	117.7	118.3	118.1	116.8	118.4	118.4	118.0	119.9	126.4	124.8	130.5	93.9	79.4	111.7	323.9	649.3	541.7
2:45:36	0:15:01	28.9	29.0	29.9	72.5	98.1	117.8	118.3	118.1	116.9	118.5	118.4	118.1	118.3	121.0	124.6	130.4	93.0	79.3	111.7	323.9	649.3	535.7
2:46:36	0:16:02	28.9	29.0	29.9	72.5	98.1	117.8	118.3	118.1	116.9	118.5	118.4	118.1	120.0	126.8	124.4	130.3	92.1	79.3	111.7	323.9	649.3	531.1
2:47:36	0:17:02	28.8	29.0	29.9	72.5	98.1	117.8	118.3	118.1	116.9	118.5	118.4	118.1	118.3	121.1	124.2	130.2	91.4	79.2	111.6	323.9	649.3	526.6
2:48:36	0:18:02	28.8	29.0	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.5	118.4	118.1	120.1	127.5	124.1	130.2	90.7	79.3	111.7	323.9	649.3	522.2
2:49:37	0:19:02	28.8	29.0	29.9	72.5	97.8	117.9	118.6	118.2	117.0	118.5	118.5	118.2	118.3	121.5	126.1	130.0	90.0	79.2	111.6	323.9	649.3	517.5
2:50:37	0:20:02	28.8	28.9	29.9	72.5	97.8	117.9	118.5	118.2	117.0	118.5	118.5	118.2	120.1	127.6	128.8	130.0	89.4	79.3	111.7	323.9	649.3	513.0
2:51:37	0:21:02	28.8	28.9	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.4	121.8	128.5	129.9	88.9	79.2	111.7	323.9	649.3	510.0
2:52:37	0:22:02	28.8	28.9	29.9	72.5	97.8	117.9	118.5	118.2	117.0	118.5	118.5	118.2	119.3	126.5	128.2	129.8	88.3	79.3	111.7	323.9	649.3	507.0
2:53:37	0:23:02	28.7	28.9	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.8	122.7	128.0	129.7	87.9	79.2	111.7	323.9	649.3	502.5
2:54:37	0:24:02	28.7	28.9	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	117.7	119.5	128.1	129.6	87.3	79.3	111.7	323.9	649.3	498.0
BEGIN GAS ADDITION (2) (Akong) 06/11/2015 03:10:16																							
2:55:15	0:24:41	28.7	28.9	29.9	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.3	120.1	128.0	127.9	129.6	87.1	79.2	111.6	323.9	649.3	494.9
END GAS ADDITION (2) (Akong) 06/11/2015 03:10:29																							
2:55:28	0:24:53	29.0	29.2	29.9	72.5	97.4	118.0	118.7	118.4	117.1	118.6	118.6	118.2	120.1	127.0	127.8	129.6	87.8	79.2	111.6	323.9	649.3	496.5
2:55:37	0:25:03	29.0	29.2	29.9	72.9	97.9	118.1	118.7	118.4	117.2	118.7	118.7	118.3	119.8	125.8	127.8	129.5	89.3	79.3	111.7	323.9	649.3	498.0
2:56:37	0:26:03	29.0	29.2	29.9	73.1	98.2	118.0	118.7	118.3	117.2	118.7	118.6	118.3	118.1	120.7	127.7	129.4	90.5	79.2	111.6	323.9	649.3	495.0
2:57:37	0:27:03	29.0	29.2	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.5	118.2	117.4	118.7	127.5	129.3	89.7	79.2	111.6	323.9	649.3	490.4
2:58:38	0:28:03	29.0	29.1	29.9	72.5	97.8	117.9	118.6	118.2	117.0	118.6	118.5	118.2	119.8	126.1	127.4	129.3	89.0	79.3	111.6	323.9	649.3	484.4
2:59:38	0:29:03	29.0	29.1	29.9	72.5	97.7	117.9	118.6	118.3	117.0	118.6	118.6	118.2	118.1	120.7	127.3	129.1	88.3	79.3	111.6	323.9	649.3	481.4
3:00:38	0:30:03	29.0	29.1	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.2	117.3	118.8	127.2	129.1	87.8	79.2	111.6	323.9	649.3	478.4
3:01:38	0:31:03	29.0	29.1	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.2	119.6	125.6	127.2	129.0	87.2	79.2	111.6	323.9	649.3	475.4
3:02:38	0:32:03	28.9	29.1	29.9	72.5	97.7	117.9	118.6	118.2	117.1	118.6	118.5	118.2	117.8	120.5	127.1	132.1	86.7	79.2	112.2	323.9	649.3	472.3
3:03:38	0:33:04	28.9	29.1	29.9	72.5	97.9	117.9	118.5	118.2	117.0	118.6	118.6	118.2	118.4	124.4	126.9	132.1	86.3	79.3	111.9	323.9	649.3	470.8
3:04:38	0:34:04	28.9	29.1	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.9	123.6	126.8	132.1	85.9	79.3	111.9	323.9	649.3	467.8
3:05:38	0:35:04	28.9	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.2	117.7	119.7	126.7	131.9	85.6	79.3	111.9	323.9	649.3	466.3
3:06:38	0:36:04	28.9	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.2	120.0	128.2	126.6	131.9	85.1	79.3	111.9	323.9	649.3	463.3

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000128

3:07:38	0:37:04	28.9	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.6	118.2	118.4	122.0	126.6	131.8	84.9	79.4	112.0	323.9	649.3	460.2
3:08:39	0:38:04	28.9	29.0	29.9	72.0	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.5	119.1	126.6	131.6	84.7	79.5	112.0	323.9	649.3	460.2
3:09:39	0:39:04	28.8	29.0	29.9	72.5	97.6	118.0	118.6	118.3	117.1	118.6	118.5	118.3	119.8	128.8	126.3	131.6	84.3	79.4	111.9	323.9	649.3	457.2
3:10:39	0:40:04	28.8	29.0	29.9	72.5	97.3	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.5	138.9	126.2	131.6	84.2	79.4	112.0	323.9	649.3	455.8
3:11:39	0:41:04	28.8	29.0	29.9	72.3	96.4	118.3	118.9	118.6	117.4	119.0	118.9	118.6	120.0	126.1	126.3	131.4	83.9	79.4	112.1	323.9	649.3	454.3
3:12:39	0:42:04	28.8	29.0	29.9	72.1	96.3	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.7	116.2	126.1	131.2	83.7	79.4	112.0	323.9	649.3	451.2
3:13:39	0:43:05	28.8	29.0	29.9	72.0	96.6	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.3	115.3	125.9	131.2	83.4	79.4	112.0	323.9	649.3	451.2
3:14:39	0:44:05	28.8	29.0	29.9	72.0	96.9	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.2	115.5	125.8	131.1	83.3	79.4	111.9	323.9	649.3	448.2
3:15:39	0:45:05	28.8	28.9	29.9	72.0	97.2	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.1	116.7	125.8	131.1	83.1	79.4	111.9	323.9	649.3	446.7
3:16:40	0:46:05	28.8	28.9	29.9	72.0	97.1	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.6	127.0	125.7	130.9	83.0	79.4	111.9	323.9	649.3	445.2
3:17:40	0:47:05	28.8	28.9	29.9	72.0	97.1	117.9	118.6	118.2	117.1	118.5	118.5	118.2	118.7	125.8	125.6	130.8	82.8	79.4	111.9	323.9	649.3	442.2
3:18:40	0:48:05	28.8	28.9	29.9	72.0	97.1	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.4	125.6	125.5	130.8	82.7	79.4	111.9	323.9	649.3	442.2
3:19:40	0:49:05	28.8	28.9	29.9	72.0	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.8	120.4	125.4	130.6	82.5	79.4	111.9	323.9	649.3	440.6
3:20:40	0:50:05	28.7	28.9	29.9	72.1	97.1	117.9	118.5	118.3	117.1	118.5	118.5	118.3	117.1	118.3	125.3	130.5	82.3	79.4	111.9	323.9	649.3	439.1
3:21:40	0:51:06	28.7	28.9	29.9	72.1	97.3	117.9	118.3	118.2	117.1	118.5	118.5	118.2	118.0	123.5	125.2	130.5	82.3	79.4	111.9	323.9	649.3	437.7
3:22:40	0:52:06	28.7	28.9	29.9	72.1	97.2	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.8	124.0	125.1	130.4	82.1	79.3	111.9	323.9	649.3	436.2
3:23:40	0:53:06	28.7	28.9	29.9	72.0	97.1	117.9	118.5	118.3	117.1	118.5	118.5	118.2	118.1	123.4	125.0	130.3	82.1	79.3	111.8	323.9	649.3	434.7
3:24:40	0:54:06	28.7	28.9	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	120.3	127.9	124.9	130.2	81.9	79.3	111.9	323.9	649.3	434.6
3:25:40	0:55:06	28.7	28.9	29.9	72.0	96.8	118.0	118.6	118.4	117.2	118.6	118.6	118.3	118.3	121.5	124.8	130.1	81.9	79.3	111.8	323.9	649.3	431.6
	BEGIN GAS ADDITION (2) (Akong)					06/11/2015 03:41:13																	
3:26:11	0:55:37	28.7	28.9	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.4	117.8	119.9	124.7	130.0	81.7	79.3	111.8	323.9	649.3	431.6
	END GAS ADDITION (3) (Akong)					06/11/2015 03:41:26																	
3:26:24	0:55:50	29.0	29.1	29.9	72.1	96.8	118.0	118.6	118.4	117.2	118.7	118.7	118.4	117.6	119.4	124.8	130.0	82.6	79.3	111.9	323.9	649.3	431.6
3:26:41	0:56:06	29.0	29.2	29.9	72.5	97.3	118.1	118.7	118.4	117.2	118.8	118.7	118.5	117.5	119.0	124.7	130.0	86.0	79.3	111.9	323.9	649.3	434.7
3:27:41	0:57:06	29.0	29.2	29.9	72.1	97.0	118.0	118.6	118.3	117.1	118.6	118.6	118.4	117.0	117.8	124.7	129.9	86.7	79.3	111.8	323.9	649.3	433.2
3:28:41	0:58:06	29.0	29.2	29.9	72.1	97.2	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.3	125.0	124.6	129.9	85.9	79.3	111.8	323.9	649.3	430.2
3:29:41	0:59:06	29.0	29.2	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.8	123.8	124.5	129.7	85.3	79.3	111.8	323.9	649.3	427.1
	EXPOSURE(1) SUMMARY					06/11/2015 03:45:35																	
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:35	1:00:00	29.0	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.9	124.4	129.7	84.8	79.3	111.8	323.9	649.3	425.6

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.0 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 111.4
END PRESS: 0029.0 MIN PRESS: 0028.7 MIN TEMP: 117.2 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 081.7
PRESS CHANGE: 000.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 132.1
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 128.9

	EXPOSURE(2)					06/11/2015 03:45:35																	
CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS ("HgA)	PX-2 PRESS ("HgA)	PX-4 PRESS ("HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
3:30:35	0:00:00	29.0	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.9	124.4	129.7	84.8	79.3	111.8	323.9	649.3	425.6
3:31:35	0:01:00	29.0	29.1	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.9	118.0	124.2	129.6	84.3	79.2	111.7	323.9	649.3	424.1
3:32:35	0:02:00	29.0	29.1	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.8	127.2	124.2	129.5	83.9	79.2	111.7	323.9	649.3	421.1
3:33:35	0:03:00	29.0	29.1	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.6	118.3	117.8	121.5	124.1	129.4	83.6	79.2	111.7	323.9	649.3	421.1
3:34:35	0:04:00	29.0	29.1	29.9	71.6	96.5	117.9	118.6	118.2	117.1	118.6	118.5	118.2	119.6	126.2	128.4	129.3	83.2	79.1	111.7	323.9	649.3	419.6
3:35:35	0:05:01	29.0	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.0	120.7	129.3	129.3	83.0	79.1	111.7	323.9	649.3	419.5
3:36:35	0:06:01	29.0	29.1	29.9	71.6	96.3	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.2	118.5	129.1	129.2	82.7	79.2	111.7	323.9	649.3	418.0
3:37:35	0:07:01	29.0	29.1	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.5	118.2	120.0	128.4	129.1	129.1	82.5	79.1	111.6	323.9	649.3	416.5
3:38:35	0:08:01	28.9	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.2	121.8	129.0	129.0	82.3	79.1	111.6	323.9	649.3	415.0
3:39:36	0:09:01	28.9	29.1	29.9	71.6	96.5	117.9	118.6	118.2	117.1	118.6	118.6	118.3	117.3	118.9	128.8	128.9	82.1	79.1	111.6	323.9	649.3	415.0
3:40:36	0:10:01	28.9	29.1	29.9	71.6	96.4	117.9	118.6	118.2	117.1	118.6	118.5	118.2	120.0	127.4	128.7	128.8	81.9	79.1	111.6	323.9	649.3	415.0
3:41:36	0:11:01	28.9	29.1	29.9	71.6	96.3	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.1	121.2	128.6	128.7	81.7	79.0	111.6	323.9	649.3	411.9
3:42:36	0:12:01	28.9	29.1	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.6	118.5	118.2	117.2	118.7	128.5	128.6	81.4	79.0	111.5	323.9	649.3	412.0
3:43:36	0:13:01	28.9	29.1	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	121.7	134.0	128.3	128.6	81.4	79.0	111.5	323.9	649.3	412.0
3:44:36	0:14:01	28.9	29.1	29.9	71.6	96.0	118.1	118.8	118.4	117.2	118.9	118.7	118.4	123.6	137.7	128.2	128.4	81.3	79.0	111.6	323.9	649.3	410.5

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3:45:36	0:15:02	28.9	29.1	29.9	71.6	95.5	118.3	118.9	118.6	117.4	119.0	118.9	118.6	118.3	121.0	128.1	128.4	81.2	79.0	111.5	323.9	649.3	410.5
3:46:36	0:16:02	28.9	29.1	29.9	71.6	95.7	118.2	118.8	118.5	117.4	118.9	118.8	118.4	116.4	115.5	128.1	128.3	81.1	79.0	111.5	323.9	649.3	409.0
3:47:36	0:17:02	28.9	29.0	29.9	71.6	96.0	118.1	118.7	118.5	117.2	118.8	118.7	118.4	116.2	115.3	127.8	128.2	81.0	79.0	111.5	323.9	649.3	409.0
3:48:37	0:18:02	28.9	29.0	29.9	71.6	96.4	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.1	115.6	127.7	128.2	80.9	78.9	111.4	323.9	649.3	407.5
3:49:37	0:19:02	28.9	29.0	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.2	115.9	115.6	127.6	128.0	80.8	79.0	111.4	323.9	649.3	406.0
3:50:37	0:20:02	28.9	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.0	118.5	118.5	118.2	119.8	128.6	127.5	128.0	80.8	79.0	111.4	323.9	649.3	406.0
3:51:37	0:21:02	28.9	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.0	124.1	127.5	127.9	80.7	78.9	111.3	323.9	649.3	406.0
3:52:37	0:22:02	28.9	29.0	29.9	71.6	96.2	118.0	118.6	118.4	117.2	118.6	118.6	118.3	122.5	136.9	127.4	127.9	80.7	78.9	111.3	323.9	649.3	406.0
3:53:37	0:23:03	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.3	118.9	118.8	118.4	123.0	135.7	127.4	127.8	80.6	78.9	111.4	323.9	649.3	406.0
3:54:37	0:24:03	28.9	29.0	29.9	71.6	95.6	118.3	118.9	118.6	117.4	119.0	118.9	118.6	117.8	119.8	127.2	127.7	80.6	78.9	111.3	323.9	649.3	404.5
3:55:37	0:25:03	28.9	29.0	29.9	71.6	95.8	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.3	115.4	127.1	127.6	80.5	78.9	111.3	323.9	649.3	403.0
3:56:37	0:26:03	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.6	118.4	116.2	115.3	127.1	127.5	80.4	78.9	111.3	323.9	649.3	402.9
3:57:38	0:27:03	28.9	29.0	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.0	115.6	127.0	127.4	80.4	78.8	111.2	323.9	649.3	401.4
3:58:38	0:28:03	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.2	116.0	117.6	126.8	127.3	80.4	78.8	111.2	323.9	649.3	401.4
3:59:38	0:29:03	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.4	126.8	126.7	127.3	80.3	78.8	111.2	323.9	649.3	399.9
4:00:38	0:30:03	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.5	121.8	126.7	127.2	80.2	78.8	111.2	323.9	649.3	400.0
4:01:38	0:31:03	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	122.1	135.9	126.7	127.1	80.2	78.8	111.2	323.9	649.3	398.5
4:02:38	0:32:04	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.9	118.8	118.5	123.9	138.8	126.5	127.1	80.2	78.8	111.2	323.9	649.3	398.4
4:03:38	0:33:04	28.9	29.0	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.9	118.6	118.4	121.6	126.5	127.0	80.1	78.8	111.2	323.9	649.3	398.5
4:04:38	0:34:04	28.8	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.4	115.6	126.4	126.9	80.1	78.7	111.1	323.9	649.3	398.5
4:05:38	0:35:04	28.8	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.2	115.3	126.3	126.8	80.1	78.7	111.0	323.9	649.3	397.0
4:06:39	0:36:04	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.1	115.5	126.2	126.7	80.0	78.7	111.0	323.9	649.3	397.0
4:07:39	0:37:04	28.8	29.0	29.9	71.6	96.6	117.9	118.3	118.2	117.1	118.5	118.6	118.3	115.9	115.9	126.2	126.7	80.0	78.7	111.0	323.9	649.3	395.4
4:08:39	0:38:04	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	127.7	126.1	126.6	80.0	78.7	111.0	323.9	649.3	395.4
4:09:39	0:39:04	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.5	120.6	125.9	126.5	80.0	78.6	110.9	323.9	649.3	395.4
4:10:39	0:40:04	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.7	118.3	125.8	126.4	79.9	78.6	110.9	323.9	649.3	395.5
4:11:39	0:41:05	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.6	126.7	125.7	126.4	79.9	78.6	110.9	323.9	649.3	394.0
4:12:39	0:42:05	28.8	29.0	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.6	118.6	118.3	117.6	120.6	125.7	126.3	79.9	78.6	110.9	323.9	649.3	392.5
4:13:39	0:43:05	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.8	118.1	125.6	126.2	79.8	78.5	110.8	323.9	649.3	392.4
4:14:40	0:44:05	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.8	125.4	126.2	79.9	78.5	110.8	323.9	649.3	392.4
4:15:40	0:45:05	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.1	121.8	125.4	126.0	79.8	78.5	110.8	323.9	649.3	392.4
4:16:40	0:46:05	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.1	119.3	125.3	126.0	79.8	78.6	110.8	323.9	649.3	392.4
4:17:40	0:47:05	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	120.6	129.8	125.3	125.9	79.8	78.6	110.8	323.9	649.3	390.9
4:18:40	0:48:05	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.6	118.3	118.3	122.1	125.3	125.8	79.7	78.5	110.7	323.9	649.3	390.9
4:19:40	0:49:06	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.4	117.4	119.1	125.1	125.8	79.8	78.5	110.7	323.9	649.3	390.9
4:20:40	0:50:06	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	116.8	117.8	125.0	125.7	79.7	78.5	110.7	323.9	649.3	390.9
4:21:40	0:51:06	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.6	118.9	124.9	125.6	79.7	78.5	110.7	323.9	649.3	389.4
4:22:40	0:52:06	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.6	126.4	124.8	125.5	79.7	78.5	110.6	323.9	649.3	389.4
4:23:41	0:53:06	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	118.4	125.2	124.7	125.5	79.6	78.4	110.6	323.9	649.3	389.4
4:24:41	0:54:06	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.4	122.8	137.6	124.6	125.4	79.6	78.4	110.7	323.9	649.3	387.9
4:25:41	0:55:06	28.8	28.9	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.9	118.6	120.8	129.0	124.6	125.3	79.6	78.4	110.6	323.9	649.3	387.9
4:26:41	0:56:06	28.8	28.9	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.8	118.6	116.8	117.0	124.5	125.2	79.6	78.4	110.6	323.9	649.3	387.9
4:27:41	0:57:06	28.8	28.9	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	116.2	115.2	124.3	125.1	79.6	78.4	110.6	323.9	649.3	386.4
4:28:41	0:58:06	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.6	118.6	118.4	116.0	115.3	124.3	125.0	79.5	78.4	110.6	323.9	649.3	386.4
4:29:41	0:59:07	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.0	115.5	124.2	125.0	79.6	78.4	110.5	323.9	649.3	386.4
4:30:41	1:00:07	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.2	119.2	128.4	124.1	124.9	79.5	78.4	110.4	323.9	649.3	386.4
4:31:41	1:01:07	28.7	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	118.1	122.7	129.2	124.8	79.5	78.4	110.5	323.9	649.3	386.4
4:32:41	1:02:07	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.9	118.7	129.0	124.8	79.5	78.3	110.4	323.9	649.3	386.4
4:33:42	1:03:07	28.7	28.9	29.9	70.7	95.5	117.8	118.3	118.2	117.0	118.5	118.5	118.2	119.2	128.0	128.7	124.7	79.5	78.3	110.4	323.9	649.3	384.9
4:34:42	1:04:07	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.3	122.8	128.6	124.6	79.4	78.3	110.4	323.9	649.3	384.9
4:35:42	1:05:07	28.7	28.9	29.9	70.7	95.4	117.9	118.5	118.2	117.0	118.5	118.5	118.2	117.8	123.8	128.6	124.5	79.4	78.3	110.4	323.9	649.3	384.9
4:36:42	1:06:07	28.7	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.9	124.6	128.4	124.5	79.4	78.3	110.3	323.9	649.3	384.9
4:37:42	1:07:07	28.7	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.5	120.0	128.4	124.4	79.4	78.3	110.3	323.9	649.3	383.5
4:38:42	1:08:07	28.7	28.9	29.9	70.7	95.2	117.9	118.5	118.3	117.1	118.5	118.5	118.3	116.9	118.1	128.3	124.3	79.4	78.3	110.3	323.9	649.3	383.4
4:39:42	1:09:08	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.8	128.1	124.2	79.4	78.3	110.2	323.9	649.3	383.4
4:40:42	1:10:08	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.0	121.7	128.0	124.2	79.3	78.3	110.3	323.9	649.3	383.3
4:41:42	1:11:08	28.7	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.5	118.5	118.3	117.1	118.7	127.8	124.1	79.4	78.3	110.2	323.9	649.3	381.9
4:42:43	1:12:08	28.7	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.9	129.8	127.7	124.0	79.3	78.3	110.2	323.9	649.3	381.8

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4:43:43	1:13:08	28.7	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	120.0	127.5	127.6	124.0	79.3	78.3	110.2	323.9	649.3	381.9
4:44:43	1:14:08	28.7	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.4	117.4	119.1	127.5	123.9	79.3	78.3	110.3	323.9	649.3	381.9
4:45:43	1:15:08	28.7	28.9	29.9	70.7	95.2	118.0	118.6	118.3	117.1	118.6	118.5	118.3	114.8	112.7	127.4	123.8	79.2	78.3	110.1	323.9	649.3	381.9
4:46:43	1:16:08	28.7	28.9	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.4	118.4	118.2	118.3	125.9	127.3	123.8	79.3	78.3	110.1	323.9	649.3	381.8
4:47:43	1:17:08	28.7	28.9	29.9	70.7	95.5	117.8	118.3	118.2	117.0	118.5	118.4	118.2	118.2	123.0	127.2	123.7	79.3	78.3	110.1	323.9	649.3	380.3
4:48:43	1:18:09	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.0	128.6	127.1	123.6	79.3	78.2	110.1	323.9	649.3	380.4
	BEGIN GAS ADDITION (4) (Akong)					06/11/2015 05:04:25																	
4:49:24	1:18:49	28.7	28.9	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	122.7	127.1	123.6	79.2	78.3	110.1	323.9	649.3	380.4
	END GAS ADDITION (4) (Akong)					06/11/2015 05:04:38																	
4:49:37	1:19:02	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	118.0	121.6	127.0	123.6	80.1	78.3	110.1	323.9	649.3	380.4
4:49:43	1:19:09	29.0	29.2	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.8	121.1	126.9	123.6	81.7	78.3	110.1	323.9	649.3	381.9
4:50:43	1:20:09	29.0	29.2	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.9	118.2	126.9	123.4	84.1	78.3	110.1	323.9	649.3	381.9
4:51:44	1:21:09	29.0	29.2	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.8	120.1	126.8	123.3	83.4	78.3	110.0	323.9	649.3	380.3
4:52:44	1:22:09	29.0	29.2	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.2	125.6	126.7	123.3	82.8	78.3	110.0	323.9	649.3	378.9
4:53:44	1:23:09	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.5	120.1	126.6	123.2	82.5	78.2	110.0	323.9	649.3	377.4
4:54:44	1:24:09	29.0	29.2	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.4	118.2	118.7	126.1	126.4	123.1	81.9	78.2	109.9	323.9	649.3	375.8
4:55:44	1:25:09	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	123.6	126.4	123.1	81.7	78.3	110.0	323.9	649.3	375.8
4:56:44	1:26:09	29.0	29.2	29.9	70.7	95.2	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.3	119.4	126.3	123.0	81.4	78.2	109.9	323.9	649.3	375.9
4:57:44	1:27:10	29.0	29.2	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.4	118.2	117.0	120.4	126.2	122.9	81.1	78.2	109.9	323.9	649.3	375.8
4:58:44	1:28:10	29.0	29.2	29.9	70.8	95.4	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.2	125.4	126.1	122.9	80.9	78.2	109.8	323.9	649.3	375.9
4:59:44	1:29:10	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	117.5	120.1	126.0	122.8	80.7	78.1	109.8	323.9	649.3	375.9
5:00:45	1:30:10	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	129.1	125.9	122.7	80.5	78.1	109.8	323.9	649.3	375.9
5:01:45	1:31:10	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.8	123.8	125.8	122.6	80.3	78.1	109.8	323.9	649.3	375.8
5:02:45	1:32:10	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.5	119.7	125.7	122.5	80.2	78.1	109.8	323.9	649.3	372.8
5:03:45	1:33:10	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.5	118.3	116.9	118.0	125.7	122.5	80.1	78.1	109.8	323.9	649.3	372.8
5:04:45	1:34:10	29.0	29.2	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.4	118.2	116.9	120.3	125.5	122.4	80.0	78.1	109.7	323.9	649.3	372.8
5:05:45	1:35:11	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.5	125.4	122.4	79.9	78.1	109.7	323.9	649.3	372.9
5:06:45	1:36:11	29.0	29.2	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	124.7	125.3	122.4	79.9	78.1	109.7	323.9	649.3	372.9
5:07:45	1:37:11	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	122.7	137.3	125.3	122.2	79.8	78.1	109.7	323.9	649.3	372.9
5:08:45	1:38:11	29.0	29.2	29.9	70.7	94.6	118.2	118.8	118.5	117.3	119.0	118.9	118.6	120.1	127.0	125.2	122.1	79.6	78.1	109.7	323.9	649.3	372.9
5:09:46	1:39:11	29.0	29.2	29.9	70.7	94.6	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.6	116.5	125.1	122.1	79.6	78.1	109.7	323.9	649.3	371.3
5:10:46	1:40:11	29.0	29.2	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.1	115.2	125.0	122.0	79.6	78.1	109.6	323.9	649.3	371.3
5:11:46	1:41:11	29.0	29.2	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	115.9	115.3	125.0	121.9	79.5	78.1	109.6	323.9	649.3	371.3
5:12:46	1:42:11	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.1	118.3	124.9	121.9	79.5	78.1	109.6	323.9	649.3	371.3
5:13:46	1:43:11	29.0	29.2	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.2	126.5	124.7	121.8	79.4	78.1	109.6	323.9	649.3	371.3
5:14:46	1:44:11	29.0	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.3	125.6	124.7	121.7	79.3	78.1	109.6	323.9	649.3	371.3
5:15:46	1:45:12	29.0	29.2	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.7	118.6	118.3	122.5	137.4	124.6	121.6	79.3	78.1	109.6	323.9	649.3	371.3
5:16:46	1:46:12	29.0	29.2	29.9	70.7	94.4	118.3	118.9	118.5	117.4	119.0	118.8	118.6	121.7	131.8	124.6	121.6	79.3	78.1	109.6	323.9	649.3	369.9
5:17:46	1:47:12	29.0	29.2	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.9	118.6	117.1	117.9	124.4	121.5	79.3	78.1	109.6	323.9	649.3	369.8
5:18:47	1:48:12	29.0	29.2	29.9	70.7	94.6	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.2	115.3	124.4	121.4	79.2	78.1	109.6	323.9	649.3	369.8
5:19:47	1:49:12	29.0	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.7	118.4	116.0	115.3	124.3	121.3	79.2	78.1	109.5	323.9	649.3	369.8
5:20:47	1:50:12	29.0	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.9	115.5	124.2	121.3	79.2	78.1	109.5	323.9	649.3	369.8
5:21:47	1:51:12	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.8	124.0	124.1	121.2	79.2	78.0	109.4	323.9	649.3	369.8
5:22:47	1:52:12	29.0	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.4	129.1	121.1	79.2	78.0	109.4	323.9	649.3	369.9
5:23:47	1:53:13	29.0	29.1	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	119.8	129.8	129.0	121.1	79.2	78.0	109.4	323.9	649.3	369.8
5:24:47	1:54:13	29.0	29.1	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.8	118.6	118.4	122.5	135.8	128.7	121.0	79.1	78.0	109.4	323.9	649.3	369.9
5:25:47	1:55:13	29.0	29.1	29.9	70.7	94.7	118.2	118.8	118.4	117.4	118.9	118.8	118.6	117.5	119.7	128.7	121.0	79.1	77.9	109.4	323.9	649.3	369.9
5:26:47	1:56:13	29.0	29.1	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.0	115.4	128.7	120.9	79.1	78.0	109.3	323.9	649.3	369.8
5:27:48	1:57:13	29.0	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.8	115.1	128.5	120.8	79.1	78.0	109.3	323.9	649.3	369.8
5:28:48	1:58:13	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.3	125.5	128.3	120.8	79.1	78.0	109.3	323.9	649.3	369.9
5:29:48	1:59:13	29.0	29.1	29.9	70.7	95.2	117.9	118.5	118.3	117.1	118.5	118.5	118.3	118.3	123.4	128.2	120.7	79.1	78.0	109.2	323.9	649.3	369.9
5:30:48	2:00:13	29.0	29.1	29.9	70.7	95.2	117.9	118.5	118.2	117.2	118.6	118.5	118.4	120.3	130.9	128.2	120.7	79.1	78.0	109.3	323.9	649.3	369.8
5:31:48	2:01:13	29.0	29.1	29.9	70.7	94.7	118.1	118.8	118.4	117.3	118.8	118.7	118.5	123.1	137.5	128.0	120.6	79.1	78.0	109.3	323.9	649.3	369.8
5:32:48	2:02:13	29.0	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.8	118.6	117.8	120.9	127.8	120.5	79.1	78.0	109.3	323.9	649.3	370.0
5:33:48	2:03:14	29.0	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.5	127.7	120.4	79.1	78.0	109.2	323.9	649.3	369.8
5:34:48	2:04:14	29.0	29.1	29.9	71.2	95.5	118.1	118.6	118.4	117.3	118.7	118.6	118.4	115.9	115.1	127.7	120.4	79.0	78.0	109.2	323.9	649.3	369.9
5:35:48	2:05:14	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.6	118.5	118.4	115.7	115.3	127.5	120.3	79.0	78.0	109.1	323.9	649.3	369.8
5:36:49	2:06:14	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	128.4	127.4	120.3	79.0	78.0	109.1	323.9	649.3	368.3

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5:37:49	2:07:14	29.0	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	117.6	120.9	127.3	120.2	79.0	78.0	109.1	323.9	649.3	368.3
5:38:49	2:08:14	29.0	29.1	29.9	70.7	95.1	118.0	118.5	118.3	117.2	118.5	118.5	118.3	118.3	125.1	127.1	120.1	79.0	78.0	109.0	323.9	649.3	368.3
5:39:49	2:09:14	29.0	29.1	29.9	71.2	95.6	118.0	118.7	118.3	117.2	118.6	118.5	118.4	122.5	137.2	127.1	120.1	79.0	78.1	109.1	323.9	649.3	368.4
5:40:49	2:10:14	29.0	29.1	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.7	118.5	119.3	125.5	127.1	119.8	78.9	78.0	109.1	323.9	649.3	368.3
5:41:49	2:11:15	29.0	29.1	29.9	70.7	94.7	118.1	118.8	118.4	117.3	118.8	118.7	118.5	116.3	116.3	127.0	119.8	79.0	78.0	109.1	323.9	649.3	368.3
5:42:49	2:12:15	29.0	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.7	118.5	115.9	115.1	126.8	119.8	78.9	78.0	109.1	323.9	649.3	366.8
5:43:49	2:13:15	29.0	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.4	115.8	115.2	126.8	119.8	79.0	78.0	109.0	323.9	649.3	366.8
5:44:50	2:14:15	29.0	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	118.0	124.8	126.7	119.8	79.0	78.0	109.0	323.9	649.3	366.8
5:45:50	2:15:15	29.0	29.1	29.9	70.7	95.5	117.8	118.3	118.1	117.1	118.5	118.5	118.3	118.3	123.8	126.6	119.6	78.9	78.0	109.0	323.9	649.3	366.9
5:46:50	2:16:15	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.3	119.4	128.7	126.4	119.6	79.0	78.0	109.0	323.9	649.3	366.9
5:47:50	2:17:15	29.0	29.1	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.7	118.6	118.4	123.1	138.6	126.4	119.5	78.9	78.0	109.0	323.9	649.3	366.9
5:48:50	2:18:15	29.0	29.1	29.9	70.7	94.4	118.3	118.9	118.5	117.4	119.0	118.8	118.6	120.8	129.0	126.3	119.5	78.9	78.0	109.0	323.9	649.3	366.8
5:49:50	2:19:15	29.0	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.8	116.9	126.2	119.3	78.9	78.0	109.0	323.9	649.3	366.8
5:50:50	2:20:16	29.0	29.1	29.9	71.2	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.1	126.1	119.3	78.9	78.0	108.9	323.9	649.3	366.9
5:51:50	2:21:16	29.0	29.1	29.9	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.7	118.5	116.0	115.3	125.9	119.3	78.9	78.0	108.9	323.9	649.3	366.9
5:52:50	2:22:16	29.0	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.4	115.8	115.4	125.9	119.2	78.9	78.0	108.9	323.9	649.3	366.8
5:53:51	2:23:16	29.0	29.1	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.5	118.4	119.6	128.9	125.9	119.1	78.9	78.1	108.9	323.9	649.3	365.3
5:54:51	2:24:16	28.9	29.1	29.9	70.7	95.2	118.0	118.6	118.2	117.2	118.6	118.5	118.4	117.8	121.6	125.7	119.1	79.0	78.0	108.8	323.9	649.3	365.3
5:55:51	2:25:16	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.2	118.5	118.5	118.3	117.2	121.8	125.7	121.6	78.9	78.1	110.6	323.9	649.3	365.4
5:56:51	2:26:16	29.0	29.1	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	122.0	135.9	125.5	122.3	78.9	78.0	109.3	323.9	649.3	365.3
5:57:51	2:27:16	29.0	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.7	118.5	121.2	130.4	125.4	122.3	78.9	78.0	109.3	323.9	649.3	365.4
5:58:51	2:28:16	29.0	29.1	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.7	117.4	125.4	122.3	78.9	78.0	109.2	323.9	649.3	365.3
5:59:51	2:29:16	28.9	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.0	115.3	125.2	122.1	78.9	77.9	109.2	323.9	649.3	365.3
6:00:51	2:30:17	29.0	29.1	29.9	70.7	95.0	118.0	118.6	118.3	117.3	118.6	118.6	118.4	115.9	115.3	125.2	122.1	78.9	78.0	109.2	323.9	649.3	365.4
6:01:51	2:31:17	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	120.8	125.2	122.0	78.9	78.0	109.2	323.9	649.3	365.3
6:02:51	2:32:17	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.2	118.5	118.5	118.3	119.0	125.7	125.1	122.0	78.9	78.1	109.2	323.9	649.3	363.9
6:03:52	2:33:17	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	117.2	119.8	124.9	121.9	78.9	78.0	109.2	323.9	649.3	363.8
6:04:52	2:34:17	28.9	29.1	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.4	118.3	117.3	122.2	124.8	121.8	78.8	78.0	109.1	323.9	649.3	363.8
6:05:52	2:35:17	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.9	125.1	124.9	121.7	78.9	78.0	109.2	323.9	649.3	363.8
6:06:52	2:36:17	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.3	119.8	124.7	121.6	78.8	78.0	109.2	323.9	649.3	363.9
6:07:52	2:37:17	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.1	121.1	124.6	121.6	78.9	78.0	109.1	323.9	649.3	363.8
6:08:52	2:38:18	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.0	128.0	124.5	121.5	78.9	78.0	109.1	323.9	649.3	363.8
6:09:52	2:39:18	28.9	29.1	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.4	117.8	121.1	124.4	121.4	78.8	78.0	109.1	323.9	649.3	363.8
6:10:52	2:40:18	28.9	29.1	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.0	118.5	124.3	121.4	78.8	78.0	109.1	323.9	649.3	363.8
6:11:53	2:41:18	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.3	116.7	119.2	124.2	121.3	78.9	78.0	109.1	323.9	649.3	363.8
6:12:53	2:42:18	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	126.1	124.1	121.2	78.8	78.0	109.1	323.9	649.3	363.8
6:13:53	2:43:18	28.9	29.1	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	117.6	120.4	124.1	121.2	78.9	78.1	109.1	323.9	649.3	363.8
6:14:53	2:44:18	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.8	118.1	124.1	121.2	78.9	78.1	109.1	323.9	649.3	363.8
6:15:53	2:45:18	28.9	29.1	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.5	118.3	119.0	127.5	128.4	121.0	78.8	78.0	109.1	323.9	649.3	363.8
6:16:53	2:46:19	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	123.1	129.1	121.0	78.8	78.1	109.2	323.9	649.3	363.8
6:17:53	2:47:19	28.9	29.1	29.9	70.8	95.4	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	119.2	129.3	121.0	78.9	78.1	109.1	323.9	649.3	363.9
6:18:53	2:48:19	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.6	117.6	128.8	120.9	78.9	78.0	109.0	323.9	649.3	363.8
6:19:53	2:49:19	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.2	119.9	128.7	128.7	120.8	78.9	78.1	109.0	323.9	649.3	363.8
6:20:54	2:50:19	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.8	121.5	128.8	120.8	78.9	78.1	109.0	323.9	649.3	363.8
6:21:54	2:51:19	28.9	29.1	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.0	128.9	128.6	120.6	78.8	78.2	109.0	323.9	649.3	363.8
6:22:54	2:52:19	28.9	29.1	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.6	118.6	118.3	118.1	121.9	128.6	120.6	78.9	78.2	109.0	323.9	649.3	362.3
6:23:54	2:53:19	28.9	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.1	118.9	128.4	120.5	78.9	78.2	109.0	323.9	649.3	362.3
6:24:54	2:54:20	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	120.7	131.8	128.5	120.5	78.9	78.2	109.0	323.9	649.3	362.3
6:25:54	2:55:20	28.9	29.1	29.9	71.1	95.4	118.1	118.8	118.4	117.3	118.9	118.7	118.5	123.6	138.7	128.4	120.4	78.9	78.3	109.1	323.9	649.3	362.4
6:26:54	2:56:20	28.9	29.1	29.9	71.2	95.0	118.3	118.9	118.5	117.4	119.0	118.9	118.6	118.4	122.1	128.3	120.3	78.9	78.2	109.1	323.9	649.3	362.3
6:27:55	2:57:20	28.9	29.1	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.3	115.7	128.2	120.3	78.9	78.3	109.0	323.9	649.3	362.3
6:28:55	2:58:20	28.9	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	128.2	120.2	78.9	78.3	109.0	323.9	649.3	362.3
6:29:55	2:59:20	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.0	115.5	128.2	120.1	78.9	78.3	109.0	323.9	649.3	362.3
6:30:55	3:00:20	28.9	29.1	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.7	115.5	127.9	120.1	78.9	78.3	109.0	323.9	649.3	362.3
6:31:55	3:01:20	28.9	29.1	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.8	129.1	127.9	120.0	78.9	78.4	109.0	323.9	649.3	362.3
6:32:55	3:02:20	28.9	29.1	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.8	121.6	127.7	120.0	79.0	78.4	109.0	323.9	649.3	362.3
6:33:55	3:03:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.1	124.6	127.7	119.8	79.0	78.4	108.9	323.9	649.3	362.3
6:34:55	3:04:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.9	125.1	127.6	119.8	78.9	78.4	109.0	323.9	649.3	362.3

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000132

6:35:55	3:05:21	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.4	119.9	127.5	119.8	79.0	78.4	108.9	323.9	649.3	360.9
6:36:55	3:06:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.7	117.9	127.4	119.7	79.0	78.4	108.9	323.9	649.3	360.8
6:37:56	3:07:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	128.8	127.3	119.6	78.9	78.5	109.0	323.9	649.3	360.8
6:38:56	3:08:21	28.9	29.1	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.1	122.3	127.2	119.5	78.9	78.5	108.9	323.9	649.3	360.9
6:39:56	3:09:21	28.9	29.1	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.0	118.9	127.3	119.5	79.0	78.5	108.9	323.9	649.3	360.8
6:40:56	3:10:21	28.9	29.1	29.9	71.2	96.2	117.8	118.3	118.1	117.0	118.5	118.4	118.2	116.9	120.6	127.1	119.5	79.0	78.5	108.9	323.9	649.3	360.8
6:41:56	3:11:21	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.8	127.0	119.3	79.0	78.5	108.9	323.9	649.3	360.8
6:42:56	3:12:22	28.9	29.1	29.9	70.7	95.3	117.9	118.6	118.2	117.1	118.6	118.6	118.3	117.5	120.2	126.9	119.3	79.0	78.6	108.9	323.9	649.3	360.8
6:43:56	3:13:22	28.9	29.1	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.5	118.2	118.3	125.5	127.0	119.2	79.0	78.6	108.9	323.9	649.3	360.8
6:44:56	3:14:22	28.9	29.1	29.9	70.7	95.3	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.8	124.1	126.9	119.2	79.1	78.6	108.9	323.9	649.3	360.8
6:45:57	3:15:22	28.9	29.1	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.4	119.8	126.8	119.1	79.1	78.6	108.9	323.9	649.3	360.8
6:46:57	3:16:22	28.9	29.1	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.7	118.6	118.3	121.9	134.9	126.7	121.7	79.1	78.6	110.5	323.9	649.3	360.9
6:47:57	3:17:22	28.9	29.1	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.5	120.4	128.0	126.6	122.2	79.1	78.6	109.4	323.9	649.3	360.8
6:48:57	3:18:22	28.9	29.1	29.9	70.7	94.5	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.6	116.8	126.6	122.1	79.1	78.6	109.3	323.9	649.3	359.3
6:49:57	3:19:22	28.9	29.1	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.6	118.4	116.1	115.3	126.5	122.1	79.1	78.6	109.3	323.9	649.3	359.2
6:50:57	3:20:22	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.9	115.3	126.5	122.0	79.1	78.7	109.3	323.9	649.3	359.3
6:51:57	3:21:23	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.4	122.7	126.4	122.0	79.1	78.7	109.3	323.9	649.3	359.3
6:52:57	3:22:23	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.8	124.6	126.3	121.9	79.1	78.7	109.3	323.9	649.3	359.3
6:53:57	3:23:23	28.9	29.1	29.9	70.7	95.5	117.8	118.5	118.1	117.0	118.6	118.5	118.3	117.5	122.4	126.2	121.8	79.1	78.6	109.2	323.9	649.3	359.3
6:54:58	3:24:23	28.9	29.1	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.7	118.6	118.3	122.2	136.2	126.3	121.7	79.1	78.7	109.4	323.9	649.3	359.3
6:55:58	3:25:23	28.9	29.1	29.9	71.1	95.0	118.3	118.9	118.5	117.4	118.9	118.8	118.5	121.8	132.2	126.2	121.7	79.1	78.7	109.4	323.9	649.3	359.3
6:56:58	3:26:23	28.9	29.1	29.9	70.7	94.4	118.3	118.9	118.5	117.4	118.9	118.8	118.5	117.1	118.1	126.1	121.6	79.2	78.7	109.3	323.9	649.3	359.3
6:57:58	3:27:23	28.9	29.1	29.9	70.7	94.6	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.1	115.3	126.1	121.5	79.2	78.7	109.3	323.9	649.3	359.4
6:58:58	3:28:23	28.9	29.1	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.0	115.3	126.0	121.4	79.2	78.7	109.3	323.9	649.3	359.3
6:59:58	3:29:24	28.9	29.1	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.5	118.5	118.3	115.8	115.5	126.0	121.4	79.2	78.8	109.3	323.9	649.3	359.3
7:00:58	3:30:24	28.9	29.0	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.4	118.3	119.2	128.1	125.9	121.3	79.2	78.8	109.3	323.9	649.3	359.3
7:01:58	3:31:24	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.1	122.5	125.8	121.2	79.2	78.7	109.3	323.9	649.3	359.2
7:02:59	3:32:24	28.9	29.0	29.9	71.1	96.1	117.8	118.5	118.1	117.0	118.6	118.5	118.3	117.6	123.2	125.8	121.2	79.3	78.8	109.3	323.9	649.3	359.3
7:03:59	3:33:24	28.9	29.0	29.9	70.7	95.3	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.9	124.8	125.7	121.1	79.2	78.8	109.3	323.9	649.3	359.3
7:04:59	3:34:24	28.9	29.0	29.9	70.7	95.2	118.0	118.6	118.3	117.1	118.7	118.6	118.3	117.4	119.8	125.8	121.1	79.3	78.9	109.3	323.9	649.3	359.3
7:05:59	3:35:24	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.1	124.3	125.6	121.0	79.3	78.9	109.3	323.9	649.3	359.2
7:06:59	3:36:24	28.9	29.0	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.6	118.6	118.3	118.8	124.2	125.6	120.9	79.3	78.9	109.3	323.9	649.3	359.3
7:07:59	3:37:25	28.9	29.0	29.9	70.7	95.2	118.0	118.6	118.2	117.2	118.6	118.6	118.3	117.5	119.7	125.6	120.9	79.3	78.9	109.3	323.9	649.3	359.3
7:08:59	3:38:25	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	117.9	125.5	120.8	79.3	78.9	109.3	323.9	649.3	359.3
7:09:59	3:39:25	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	127.1	125.4	120.7	79.3	78.9	109.3	323.9	649.3	359.3
7:10:59	3:40:25	28.9	29.0	29.9	70.7	95.0	118.0	118.7	118.3	117.2	118.7	118.6	118.4	122.8	138.0	125.5	120.7	79.4	79.0	109.4	323.9	649.3	357.8
7:12:00	3:41:25	28.9	29.1	29.9	70.7	94.3	118.3	118.9	118.6	117.4	119.0	118.8	118.5	121.2	130.4	125.4	120.6	79.4	78.9	109.4	323.9	649.3	357.8
7:13:00	3:42:25	28.9	29.1	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.8	118.6	116.9	117.5	125.3	120.5	79.4	79.0	109.3	323.9	649.3	357.7
7:14:00	3:43:25	28.9	29.0	29.9	71.2	95.4	118.1	118.8	118.4	117.3	118.9	118.7	118.5	116.1	115.3	125.3	120.4	79.3	79.0	109.3	323.9	649.3	357.8
7:15:00	3:44:25	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.5	116.1	115.4	125.3	120.4	79.4	79.1	109.3	323.9	649.3	357.8
7:16:00	3:45:25	28.9	29.0	29.9	71.2	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.4	115.9	115.6	125.3	120.4	79.4	79.1	109.4	323.9	649.3	357.8
7:17:00	3:46:26	28.9	29.0	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.5	118.4	118.3	115.9	117.8	125.1	120.3	79.4	79.1	109.3	323.9	649.3	357.8
7:18:00	3:47:26	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.3	127.1	125.2	120.2	79.4	79.1	109.3	323.9	649.3	357.8
7:19:00	3:48:26	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.3	120.4	125.1	120.2	79.4	79.1	109.3	323.9	649.3	357.4
7:20:01	3:49:26	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.4	118.3	116.6	117.9	125.0	120.1	79.4	79.1	109.3	323.9	649.3	357.7
7:21:01	3:50:26	28.9	29.0	29.9	71.2	96.2	117.8	118.3	118.1	117.0	118.5	118.4	118.2	118.9	127.5	125.0	120.1	79.5	79.1	109.3	323.9	649.3	357.8
7:22:01	3:51:26	28.9	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.4	118.2	118.3	123.2	124.9	119.8	79.5	79.1	109.3	323.9	649.3	357.8
7:23:01	3:52:26	28.9	29.0	29.9	71.1	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	121.1	133.1	124.9	119.8	79.5	79.2	109.3	323.9	649.3	357.8
7:24:01	3:53:26	28.9	29.0	29.9	70.7	94.8	118.1	118.8	118.4	117.2	118.9	118.7	118.5	123.7	139.4	124.9	119.8	79.5	79.2	109.4	323.9	649.3	357.8
7:25:01	3:54:26	28.9	29.0	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.9	118.6	118.6	122.4	124.8	119.8	79.5	79.1	109.3	323.9	649.3	357.8
7:26:01	3:55:27	28.9	29.0	29.9	71.1	95.0	118.3	118.8	118.5	117.5	118.9	118.8	118.6	116.3	115.7	124.7	119.7	79.5	79.2	109.4	323.9	649.3	357.8
7:27:01	3:56:27	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	124.6	119.6	79.5	79.3	109.3	323.9	649.3	356.3
7:28:01	3:57:27	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.0	115.5	124.7	119.6	79.6	79.3	109.3	323.9	649.3	356.2
7:29:02	3:58:27	28.9	29.0	29.9	70.8	95.5	117.9	118.5	118.2	117.1	118.5	118.5	118.3	115.8	115.7	124.6	119.6	79.6	79.3	109.2	323.9	649.3	356.3
7:30:02	3:59:27	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	128.2	124.6	119.5	79.6	79.3	109.3	323.9	649.3	356.3
7:31:02	4:00:27	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.5	120.9	124.6	119.3	79.6	79.3	109.3	323.9	649.3	356.3
7:32:02	4:01:27	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.4	116.7	118.1	124.5	119.3	79.6	79.3	109.2	323.9	649.3	356.3
7:33:02	4:02:27	28.9	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.7	123.8	124.6	119.3	79.7	79.3	109.2	323.9	649.3	356.3

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7:34:02	4:03:27	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	126.5	124.5	119.3	79.6	79.3	109.3	323.9	649.3	356.3
7:35:02	4:04:28	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.6	120.5	124.4	119.2	79.7	79.3	109.2	323.9	649.3	356.2
7:36:02	4:05:28	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.8	118.1	124.2	119.1	79.7	79.3	109.2	323.9	649.3	356.3
7:37:02	4:06:28	28.9	29.0	29.9	70.7	95.4	117.9	118.5	118.2	117.0	118.5	118.5	118.3	117.6	123.1	124.3	120.7	79.7	79.3	110.3	323.9	649.3	356.2
7:38:03	4:07:28	28.9	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	118.9	124.7	124.3	122.1	79.6	79.3	109.6	323.9	649.3	356.3
7:39:03	4:08:28	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.3	119.9	124.2	122.1	79.7	79.4	109.6	323.9	649.3	356.2
7:40:03	4:09:28	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.4	126.2	124.1	122.1	79.7	79.3	109.6	323.9	649.3	356.3
7:41:03	4:10:28	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.7	120.5	126.7	122.0	79.7	79.4	109.6	323.9	649.3	356.2
7:42:03	4:11:28	28.9	29.0	29.9	71.1	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.9	118.3	129.3	121.9	79.7	79.3	109.6	323.9	649.3	356.3
7:43:03	4:12:29	28.9	29.0	29.9	71.1	96.0	117.9	118.5	118.2	117.0	118.5	118.5	118.3	116.5	117.4	129.4	121.9	79.7	79.3	109.6	323.9	649.3	356.3
7:44:03	4:13:29	28.9	29.0	29.9	71.2	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	121.2	133.7	129.2	121.8	79.7	79.3	109.6	323.9	649.3	354.8
7:45:03	4:14:29	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	123.9	139.7	129.2	121.8	79.7	79.3	109.7	323.9	649.3	354.7
7:46:04	4:15:29	28.9	29.0	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.8	118.6	118.7	122.8	129.2	121.7	79.7	79.3	109.7	323.9	649.3	354.7
7:47:04	4:16:29	28.9	29.0	29.9	70.7	94.4	118.3	118.8	118.6	117.4	119.0	118.8	118.6	116.4	115.9	129.2	121.6	79.7	79.3	109.7	323.9	649.3	354.8
7:48:04	4:17:29	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.1	115.3	129.2	121.5	79.7	79.3	109.7	323.9	649.3	354.7
7:49:04	4:18:29	28.9	29.0	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.1	115.6	129.2	121.5	79.8	79.3	109.7	323.9	649.3	354.8
7:50:04	4:19:29	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.8	115.6	129.2	121.5	79.8	79.3	109.6	323.9	649.3	354.7
7:51:04	4:20:30	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	119.8	128.3	129.2	121.3	79.8	79.3	109.7	323.9	649.3	354.7
7:52:04	4:21:30	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.6	121.0	129.1	121.3	79.8	79.3	109.7	323.9	649.3	354.7
7:53:04	4:22:30	28.9	29.0	29.9	71.1	95.9	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.6	118.1	129.1	121.2	79.8	79.3	109.6	323.9	649.3	354.8
7:54:05	4:23:30	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	129.8	128.9	121.2	79.8	79.3	109.6	323.9	649.3	354.8
7:55:05	4:24:30	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	118.3	123.2	129.0	121.1	79.8	79.4	109.7	323.9	649.3	354.7
7:56:05	4:25:30	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.2	119.3	129.0	121.0	79.7	79.3	109.6	323.9	649.3	354.7
7:57:05	4:26:30	28.9	29.0	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	116.7	117.7	128.9	121.0	79.8	79.3	109.6	323.9	649.3	354.8
7:58:05	4:27:30	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	129.1	128.9	121.0	79.8	79.3	109.6	323.9	649.3	354.7
7:59:05	4:28:30	28.9	29.0	29.9	71.2	95.5	118.1	118.7	118.4	117.2	118.8	118.6	118.4	123.0	138.7	128.8	120.8	79.8	79.4	109.7	323.9	649.3	354.8
8:00:05	4:29:31	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.5	120.4	128.3	128.8	120.8	79.8	79.4	109.7	323.9	649.3	354.8
8:01:05	4:30:31	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	116.7	116.9	128.7	120.7	79.8	79.4	109.7	323.9	649.3	354.8
8:02:06	4:31:31	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.1	115.3	128.7	120.6	79.8	79.3	109.6	323.9	649.3	354.7
8:03:06	4:32:31	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.0	115.4	128.7	120.6	79.8	79.3	109.6	323.9	649.3	354.7
8:04:06	4:33:31	28.9	29.0	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.4	115.9	115.6	128.6	120.6	79.9	79.3	109.6	323.9	649.3	354.7
8:05:06	4:34:31	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.6	120.6	128.6	120.5	79.9	79.4	109.6	323.9	649.3	354.8
8:06:06	4:35:31	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.9	125.7	128.5	120.4	79.9	79.4	109.5	323.9	649.3	354.8
8:07:06	4:36:31	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.1	119.7	128.5	120.3	79.8	79.4	109.5	323.9	649.3	354.7
8:08:06	4:37:32	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.8	120.6	128.5	120.3	79.9	79.4	109.6	323.9	649.3	354.8
8:09:06	4:38:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.8	128.4	120.2	79.9	79.4	109.5	323.9	649.3	354.8
8:10:06	4:39:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.4	120.1	128.3	120.1	79.9	79.3	109.5	323.9	649.3	354.8
8:11:07	4:40:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	129.4	128.2	120.1	79.9	79.4	109.5	323.9	649.3	354.8
8:12:07	4:41:32	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	123.3	139.0	128.1	120.0	79.9	79.3	109.6	323.9	649.3	354.8
8:13:07	4:42:32	28.9	29.0	29.9	71.1	94.8	118.3	119.1	118.6	117.4	119.1	118.9	118.6	119.9	126.6	128.0	119.8	79.9	79.4	109.6	323.9	649.3	354.8
8:14:07	4:43:32	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.6	116.5	128.1	119.8	79.9	79.4	109.5	323.9	649.3	354.7
8:15:07	4:44:32	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.8	118.7	118.5	116.1	115.3	128.1	119.8	79.9	79.4	109.5	323.9	649.3	354.7
8:16:07	4:45:32	28.9	29.0	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.7	118.7	118.4	116.0	115.4	127.9	119.8	79.9	79.3	109.4	323.9	649.3	354.8
8:17:07	4:46:32	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.8	115.5	127.9	119.7	79.9	79.4	109.4	323.9	649.3	354.8
8:18:07	4:47:33	28.9	29.0	29.9	71.2	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.4	123.0	127.9	119.7	80.0	79.4	109.4	323.9	649.3	353.2
8:19:07	4:48:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.8	127.8	119.5	79.9	79.4	109.4	323.9	649.3	353.2
8:20:07	4:49:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	119.5	127.8	119.5	79.9	79.4	109.4	323.9	649.3	353.2
8:21:08	4:50:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.6	129.1	127.7	119.5	79.9	79.4	109.4	323.9	649.3	353.2
8:22:08	4:51:33	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	123.1	138.8	127.5	119.3	80.0	79.3	109.4	323.9	649.3	353.2
8:23:08	4:52:33	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	119.6	125.7	127.5	119.3	79.9	79.3	109.4	323.9	649.3	354.8
8:24:08	4:53:33	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.3	127.4	119.3	80.0	79.3	109.4	323.9	649.3	353.2
8:25:08	4:54:33	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.0	115.2	127.5	119.2	79.9	79.3	109.4	323.9	649.3	353.1
8:26:08	4:55:33	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	115.9	115.4	127.5	119.1	79.9	79.4	109.4	323.9	649.3	353.2
8:27:08	4:56:33	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	115.7	115.5	127.5	119.1	80.0	79.3	109.4	323.9	649.3	353.2
8:28:08	4:57:34	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.8	129.1	127.4	120.1	79.9	79.3	110.0	323.9	649.3	353.3
8:29:08	4:58:34	28.9	29.0	29.9	71.2	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.7	121.5	127.4	122.2	80.0	79.3	109.8	323.9	649.3	353.3
8:30:08	4:59:34	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	119.9	130.1	127.3	122.1	79.9	79.3	109.7	323.9	649.3	353.2
8:31:09	5:00:34	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	123.3	139.2	127.2	122.1	79.9	79.3	109.7	323.9	649.3	353.2

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8:32:09	5:01:34	28.9	29.0	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.0	118.9	118.7	119.3	124.9	127.2	122.0	79.9	79.3	109.8	323.9	649.3	353.3
8:33:09	5:02:34	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.4	116.2	127.2	122.0	79.9	79.3	109.8	323.9	649.3	353.2
8:34:09	5:03:34	28.9	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.3	127.1	121.9	79.9	79.3	109.8	323.9	649.3	353.3
8:35:09	5:04:34	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.3	117.3	118.7	118.6	118.4	116.0	115.4	127.2	121.9	80.0	79.3	109.7	323.9	649.3	353.2
8:36:09	5:05:34	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	115.8	115.5	127.1	121.8	79.9	79.3	109.7	323.9	649.3	353.2
8:37:09	5:06:35	28.9	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	117.5	123.8	127.0	121.7	80.0	79.3	109.7	323.9	649.3	353.2
8:38:09	5:07:35	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.9	127.1	121.7	80.0	79.3	109.7	323.9	649.3	351.7
8:39:09	5:08:35	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.4	126.3	127.0	121.6	79.9	79.4	109.7	323.9	649.3	351.7
8:40:10	5:09:35	28.9	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.4	122.7	137.5	126.9	121.5	80.0	79.4	109.7	323.9	649.3	351.7
8:41:10	5:10:35	28.9	29.0	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.7	118.6	118.3	122.5	126.8	121.4	79.9	79.4	109.8	323.9	649.3	351.7
8:42:10	5:11:35	28.9	29.0	29.9	71.6	96.0	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.1	115.9	126.7	121.4	80.0	79.4	109.7	323.9	649.3	351.7
8:43:10	5:12:35	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	115.9	115.2	126.6	121.4	80.0	79.4	109.7	323.9	649.3	351.7
8:44:10	5:13:35	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.3	118.8	126.6	121.3	80.1	79.4	109.7	323.9	649.3	351.8
8:45:10	5:14:36	28.9	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	126.3	126.6	121.2	80.0	79.5	109.7	323.9	649.3	351.4
8:46:10	5:15:36	28.9	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.3	120.0	126.5	121.1	80.0	79.5	109.8	323.9	649.3	351.7
8:47:10	5:16:36	28.9	29.0	29.9	71.1	96.1	117.8	118.3	118.1	117.1	118.5	118.5	118.3	116.6	117.8	126.4	121.0	80.0	79.5	109.7	323.9	649.3	351.7
8:48:10	5:17:36	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.3	129.3	126.3	121.0	80.1	79.6	109.7	323.9	649.3	351.7
8:49:11	5:18:36	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.7	118.5	118.4	118.0	121.7	126.3	120.9	80.0	79.6	109.7	323.9	649.3	351.7
8:50:11	5:19:36	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.7	118.6	118.4	117.1	118.7	126.3	120.9	80.2	79.6	109.7	323.9	649.3	351.8
8:51:11	5:20:36	28.9	29.0	29.9	71.2	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.4	116.6	117.5	126.2	120.9	80.2	79.6	109.7	323.9	649.3	351.8
8:52:11	5:21:36	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	117.0	121.3	126.2	120.7	80.1	79.7	109.7	323.9	649.3	351.7
8:53:11	5:22:36	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.2	125.7	126.2	120.7	80.2	79.8	109.8	323.9	649.3	350.2
8:54:11	5:23:36	28.8	29.0	29.9	71.2	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.4	120.1	126.1	120.7	80.2	79.8	109.7	323.9	649.3	351.8
8:55:11	5:24:37	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	117.9	126.0	120.5	80.2	79.8	109.7	323.9	649.3	350.2
8:56:11	5:25:37	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	120.3	129.5	126.2	120.5	80.2	79.8	109.8	323.9	649.3	350.3
8:57:11	5:26:37	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.1	122.0	126.1	120.5	80.2	79.8	109.8	323.9	649.3	350.2
8:58:12	5:27:37	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.5	118.4	117.1	118.8	125.9	120.4	80.2	79.9	109.8	323.9	649.3	350.2
8:59:12	5:28:37	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	116.7	117.6	125.9	120.4	80.3	79.9	109.8	323.9	649.3	350.2
9:00:12	5:29:37	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.5	119.5	125.8	120.2	80.3	80.0	109.8	323.9	649.3	350.2
9:01:12	5:30:37	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.3	126.3	125.9	120.2	80.3	79.9	109.8	323.9	649.3	350.2
9:02:12	5:31:37	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.5	120.4	125.8	120.2	80.3	79.9	109.7	323.9	649.3	350.2
9:03:12	5:32:37	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	116.8	118.2	125.7	120.1	80.4	80.0	109.7	323.9	649.3	350.2
9:04:12	5:33:38	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.5	118.3	120.0	128.9	125.8	120.0	80.4	80.1	109.8	323.9	649.3	350.2
9:05:12	5:34:38	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.3	118.0	121.8	125.6	119.8	80.4	80.0	109.7	323.9	649.3	350.2
9:06:12	5:35:38	28.8	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	118.8	125.6	119.8	80.4	80.0	109.7	323.9	649.3	350.3
9:07:12	5:36:38	28.8	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.4	122.1	125.5	119.8	80.4	80.1	109.8	323.9	649.3	350.3
9:08:13	5:37:38	28.9	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	122.2	136.3	125.5	119.8	80.4	80.1	109.8	323.9	649.3	350.3
9:09:13	5:38:38	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.4	117.3	118.9	118.7	118.5	120.3	128.2	125.5	119.7	80.4	80.2	109.8	323.9	649.3	350.2
9:10:13	5:39:38	28.9	29.0	29.9	71.6	95.7	118.2	118.8	118.5	117.4	118.9	118.7	118.5	116.5	116.9	125.5	119.6	80.5	80.2	109.8	323.9	649.3	350.2
9:11:13	5:40:38	28.9	29.0	29.9	71.1	95.3	118.2	118.8	118.5	117.3	118.8	118.7	118.5	116.0	115.3	125.4	119.6	80.5	80.3	109.8	323.9	649.3	350.2
9:12:13	5:41:38	28.9	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.9	115.4	125.3	119.6	80.6	80.3	109.7	323.9	649.3	350.2
9:13:13	5:42:39	28.9	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	115.8	116.3	125.2	119.5	80.6	80.4	109.8	323.9	649.3	350.3
9:14:13	5:43:39	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	119.6	127.6	125.3	119.3	80.6	80.4	109.8	323.9	649.3	350.2
9:15:13	5:44:39	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.5	118.3	117.5	120.6	125.2	119.3	80.6	80.5	109.8	323.9	649.3	350.3
9:16:14	5:45:39	28.8	29.0	29.9	71.2	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.7	118.1	125.1	119.3	80.6	80.6	109.8	323.9	649.3	350.3
9:17:14	5:46:39	28.8	29.0	29.9	71.6	96.6	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	130.1	125.0	119.3	80.7	80.6	109.8	323.9	649.3	350.2
9:18:14	5:47:39	28.9	29.0	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.8	118.6	118.4	123.3	139.2	125.1	119.3	80.8	80.7	109.9	323.9	649.3	350.3
9:19:14	5:48:39	28.9	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.0	118.8	118.6	119.2	124.9	125.1	119.2	80.7	80.7	109.9	323.9	649.3	350.2
9:20:14	5:49:39	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.5	116.3	125.1	119.1	80.8	80.7	109.8	323.9	649.3	350.2
9:21:14	5:50:39	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.3	118.9	118.8	118.5	116.1	115.4	125.0	119.0	80.8	80.8	109.9	323.9	649.3	350.2
9:22:14	5:51:40	28.8	29.0	29.9	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.6	118.4	116.0	115.6	124.9	122.2	80.8	80.8	110.6	323.9	649.3	350.2
9:23:14	5:52:40	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.4	115.9	115.7	125.0	122.3	81.0	80.9	110.3	323.9	649.3	350.3
9:24:14	5:53:40	28.8	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	116.7	121.1	124.9	122.1	80.9	80.9	110.3	323.9	649.3	350.2
9:25:14	5:54:40	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.0	125.9	124.7	122.1	80.9	81.0	110.3	323.9	649.3	350.2
9:26:15	5:55:40	28.8	29.0	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	117.3	120.0	124.7	122.1	81.0	81.0	110.4	323.9	649.3	350.2
9:27:15	5:56:40	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.3	122.4	124.6	122.0	81.0	81.0	110.3	323.9	649.3	350.2
9:28:15	5:57:40	28.8	29.0	29.9	71.2	95.6	118.0	118.7	118.3	117.2	118.7	118.6	118.4	122.2	136.3	124.6	122.0	81.1	81.1	110.3	323.9	649.3	350.3
9:29:15	5:58:40	28.9	29.0	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	121.7	131.9	124.5	121.9	81.1	81.2	110.5	323.9	649.3	350.2

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9:30:15	5:59:40	28.9	29.0	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	118.8	118.6	117.1	118.1	124.5	121.9	81.2	81.2	110.5	323.9	649.3	350.2
9:31:15	6:00:41	28.9	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.2	115.5	124.4	121.8	81.2	81.2	110.5	323.9	649.3	350.2
9:32:15	6:01:41	28.8	29.0	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.1	115.6	124.4	121.7	81.3	81.3	110.4	323.9	649.3	349.6
9:33:16	6:02:41	28.8	29.0	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.0	115.7	124.3	121.7	81.3	81.4	110.5	323.9	649.3	348.7
9:34:16	6:03:41	28.8	29.0	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	115.8	116.5	124.2	121.6	81.3	81.6	110.5	323.9	649.3	348.7
9:35:16	6:04:41	28.8	29.0	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	119.9	128.7	124.2	121.5	81.3	81.6	110.5	323.9	649.3	348.7
9:36:16	6:05:41	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.7	118.6	118.3	117.7	121.2	124.1	121.5	81.4	81.6	110.5	323.9	649.3	348.7
9:37:16	6:06:41	28.8	29.0	29.9	71.2	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.4	116.7	118.3	129.1	121.4	81.4	81.6	110.6	323.9	649.3	348.7
9:38:16	6:07:41	28.8	29.0	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.5	118.5	118.3	116.9	120.8	129.2	121.4	81.4	81.8	110.6	323.9	649.3	348.7
9:39:16	6:08:42	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.2	125.6	129.0	121.2	81.4	81.8	110.7	323.9	649.3	348.7
9:40:16	6:09:42	28.8	29.0	29.9	70.7	95.2	118.0	118.6	118.2	117.2	118.6	118.6	118.3	117.5	120.2	128.9	121.2	81.4	81.8	110.6	323.9	649.3	348.7
9:41:16	6:10:42	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.8	118.1	128.8	121.2	81.6	81.8	110.6	323.9	649.3	348.7
9:42:17	6:11:42	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.5	118.5	128.9	121.1	81.7	81.8	110.6	323.9	649.3	348.7
9:43:17	6:12:42	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	120.5	130.3	128.8	121.1	81.7	81.8	110.6	323.9	649.3	348.7
9:44:17	6:13:42	28.8	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	118.3	122.3	128.8	121.1	81.7	81.8	110.7	323.9	649.3	348.7
9:45:17	6:14:42	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.3	119.1	128.9	120.9	81.7	81.9	110.7	323.9	649.3	348.7
9:46:17	6:15:42	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.8	117.9	128.8	120.9	81.7	81.9	110.7	323.9	649.3	348.7
9:47:17	6:16:42	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.4	117.2	128.8	120.8	81.7	81.9	110.7	323.9	649.3	348.7
9:48:17	6:17:43	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	127.7	128.7	120.8	81.8	81.9	110.7	323.9	649.3	348.7
9:49:17	6:18:43	28.8	29.0	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.6	118.3	117.8	121.1	128.7	120.7	81.8	82.1	110.7	323.9	649.3	348.6
9:50:17	6:19:43	28.8	29.0	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.5	118.3	117.0	118.6	128.5	120.7	81.9	81.9	110.7	323.9	649.3	348.7
9:51:18	6:20:43	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.2	118.7	126.0	128.5	120.6	81.9	81.9	110.7	323.9	649.3	347.2
9:52:18	6:21:43	28.8	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.3	120.3	128.7	128.5	120.5	81.9	82.2	110.8	323.9	649.3	347.2
9:53:18	6:22:43	28.8	29.0	29.9	71.2	95.5	118.1	118.8	118.4	117.2	118.8	118.7	118.4	117.5	119.7	128.5	120.5	81.9	82.1	110.8	323.9	649.3	349.0
9:54:18	6:23:43	28.8	29.0	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	116.0	115.6	128.5	120.4	81.9	82.2	110.8	323.9	649.3	347.1
9:55:18	6:24:43	28.8	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.3	115.8	115.4	128.4	120.4	81.9	82.2	110.8	323.9	649.3	347.2
9:56:18	6:25:43	28.8	29.0	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.5	118.2	119.3	128.4	128.3	120.3	81.9	82.3	110.9	323.9	649.3	347.2
9:57:18	6:26:44	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.1	122.4	128.3	120.3	82.1	82.2	110.8	323.9	649.3	347.2
9:58:18	6:27:44	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.0	118.8	128.2	120.2	82.1	82.3	110.8	323.9	649.3	346.8
9:59:18	6:28:44	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	118.9	127.2	128.2	120.1	82.1	82.3	110.8	323.9	649.3	347.2
10:00:18	6:29:44	28.8	29.0	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	122.9	138.2	128.2	120.1	82.1	82.4	110.9	323.9	649.3	347.2
10:01:19	6:30:44	28.8	29.0	29.9	71.1	95.0	118.3	118.9	118.5	117.4	119.1	118.8	118.6	121.0	129.8	128.1	120.1	82.2	82.4	110.9	323.9	649.3	347.2
10:02:19	6:31:44	28.8	29.0	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.1	118.9	118.7	117.0	117.4	128.0	120.0	82.2	82.5	110.9	323.9	649.3	347.2
10:03:19	6:32:44	28.8	29.0	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.2	115.4	127.9	119.8	82.3	82.6	110.9	323.9	649.3	347.2
10:04:19	6:33:44	28.8	29.0	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.2	115.6	128.0	119.8	82.3	82.6	110.9	323.9	649.3	347.2
10:05:19	6:34:44	28.8	29.0	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.1	115.9	127.9	119.8	82.3	82.6	110.9	323.9	649.3	347.2
10:06:19	6:35:45	28.8	29.0	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.4	115.9	115.9	127.9	119.7	82.3	82.7	110.9	323.9	649.3	347.2
10:07:19	6:36:45	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.3	125.8	127.7	119.8	82.3	82.7	110.9	323.9	649.3	347.2
10:08:19	6:37:45	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.4	123.9	127.6	119.6	82.5	82.8	111.0	323.9	649.3	347.2
10:09:19	6:38:45	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.1	119.4	127.6	119.6	82.5	82.8	110.9	323.9	649.3	345.7
10:10:20	6:39:45	28.8	29.0	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.5	117.7	127.6	119.5	82.5	82.9	111.0	323.9	649.3	347.1
10:11:20	6:40:45	28.8	28.9	29.9	71.1	96.0	117.9	118.5	118.2	117.0	118.6	118.5	118.3	119.8	129.0	127.6	119.5	82.6	83.0	111.0	323.9	649.3	347.2
10:12:20	6:41:45	28.8	29.0	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.2	122.4	127.5	119.5	82.6	83.0	111.0	323.9	649.3	345.7
10:13:20	6:42:45	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.2	119.1	127.5	119.5	82.7	83.1	111.0	323.9	649.3	345.7
10:14:20	6:43:45	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.6	117.7	127.4	119.3	82.7	83.2	111.0	323.9	649.3	345.7
10:15:20	6:44:45	28.8	29.0	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	120.3	130.3	127.3	119.3	82.8	83.3	111.1	323.9	649.3	345.7
10:16:20	6:45:46	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.3	122.9	127.3	119.3	82.8	83.2	111.1	323.9	649.3	345.7
10:17:20	6:46:46	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.6	118.4	117.4	119.5	127.3	119.2	82.8	83.3	111.1	323.9	649.3	345.7
10:18:20	6:47:46	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.9	118.1	127.1	119.2	82.8	83.3	111.1	323.9	649.3	345.7
10:19:21	6:48:46	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	116.6	117.4	127.2	119.1	83.0	83.4	111.1	323.9	649.3	345.7
10:20:21	6:49:46	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.3	128.2	127.2	122.0	83.0	83.5	112.5	323.9	649.3	345.6
10:21:21	6:50:46	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.3	122.9	127.1	122.3	83.0	83.5	111.5	323.9	649.3	345.6
10:22:21	6:51:46	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	117.3	119.4	126.9	122.3	83.1	83.5	111.5	323.9	649.3	345.6
10:23:21	6:52:46	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.7	117.9	126.9	122.1	83.1	83.6	111.5	323.9	649.3	345.7
10:24:21	6:53:46	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	116.4	117.3	127.0	122.1	83.1	83.7	111.6	323.9	649.3	345.7
10:25:21	6:54:47	28.8	28.9	29.9	71.1	96.2	117.8	118.3	118.1	117.0	118.6	118.5	118.2	119.4	128.4	126.9	122.1	83.2	83.7	111.6	323.9	649.3	345.7
10:26:21	6:55:47	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.6	118.6	118.3	118.3	122.8	127.0	122.0	83.2	83.7	111.7	323.9	649.3	345.6
10:27:21	6:56:47	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.2	119.3	126.9	122.0	83.3	83.8	111.7	323.9	649.3	345.7

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000136

10:28:22	6:57:47	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.6	118.5	118.2	119.6	128.6	126.7	122.0	83.3	83.8	111.7	323.9	649.3	345.7
10:29:22	6:58:47	28.8	28.9	29.9	71.1	95.4	118.1	118.8	118.4	117.2	118.9	118.7	118.4	120.4	128.7	126.6	121.9	83.3	83.8	111.8	323.9	649.3	345.7
10:30:22	6:59:47	28.8	28.9	29.9	71.1	95.4	118.1	118.8	118.4	117.3	118.9	118.7	118.4	116.8	117.9	126.8	121.8	83.4	83.9	111.8	323.9	649.3	345.7
10:31:22	7:00:47	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.6	118.3	116.1	115.7	126.6	121.8	83.4	83.9	111.8	323.9	649.3	345.6
10:32:22	7:01:47	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	115.9	115.7	126.6	121.7	83.4	83.9	111.8	323.9	649.3	345.6
10:33:22	7:02:48	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	121.0	132.6	126.4	121.6	83.4	83.9	111.8	323.9	649.3	345.6
10:34:22	7:03:48	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	119.0	124.7	126.6	121.6	83.4	84.0	111.9	323.9	649.3	345.7
10:35:22	7:04:48	28.8	28.9	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.9	118.7	118.4	116.6	117.3	126.5	121.5	83.4	84.0	111.8	323.9	649.3	345.7
10:36:23	7:05:48	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.8	118.7	118.4	115.9	115.4	126.4	121.5	83.6	84.0	111.8	323.9	649.3	345.7
10:37:23	7:06:48	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.1	118.6	118.6	118.3	115.9	115.6	126.5	121.4	83.7	84.1	111.9	323.9	649.3	345.7
10:38:23	7:07:48	28.8	28.9	29.9	70.7	95.4	117.9	118.3	118.2	117.1	118.6	118.5	118.2	117.8	124.6	126.4	121.4	83.6	84.1	111.8	323.9	649.3	345.7
10:39:23	7:08:48	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.7	124.4	126.2	121.3	83.7	84.2	111.9	323.9	649.3	345.7
10:40:23	7:09:48	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.7	118.6	118.3	120.4	131.4	126.1	121.2	83.8	84.2	111.9	323.9	649.3	345.7
10:41:23	7:10:49	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	123.4	138.2	126.1	121.2	83.8	84.3	112.0	323.9	649.3	345.7
10:42:23	7:11:49	28.8	28.9	29.9	71.1	94.9	118.3	118.9	118.6	117.4	119.1	118.9	118.6	118.3	121.6	126.2	121.2	83.9	84.3	112.0	323.9	649.3	345.6
10:43:23	7:12:49	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.4	115.9	126.2	121.1	83.9	84.4	112.0	323.9	649.3	345.6
10:44:24	7:13:49	28.8	28.9	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.8	118.5	116.3	115.6	126.2	121.0	83.9	84.5	112.1	323.9	649.3	345.6
10:45:24	7:14:49	28.8	28.9	29.9	70.7	94.8	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.3	116.0	126.0	121.0	83.9	84.5	112.1	323.9	649.3	345.7
10:46:24	7:15:49	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.1	116.0	126.1	120.9	84.1	84.6	112.1	323.9	649.3	344.1
10:47:24	7:16:49	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	115.9	116.1	125.9	120.9	84.1	84.6	112.0	323.9	649.3	345.7
10:48:24	7:17:49	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	119.9	129.1	125.8	120.8	84.1	84.6	112.1	323.9	649.3	344.1
10:49:24	7:18:49	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.0	121.9	125.8	120.8	84.2	84.7	112.1	323.9	649.3	344.1
10:50:24	7:19:50	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.6	118.5	118.3	117.0	118.8	125.7	120.7	84.2	84.7	112.1	323.9	649.3	344.1
10:51:24	7:20:50	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.5	117.5	125.7	120.7	84.2	84.8	112.1	323.9	649.3	344.1
10:52:24	7:21:50	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	119.2	127.8	125.7	120.7	84.3	84.7	112.1	323.9	649.3	344.1
10:53:25	7:22:50	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.7	118.5	118.3	118.4	123.2	125.6	120.6	84.3	84.8	112.2	323.9	649.3	344.1
10:54:25	7:23:50	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.3	119.4	125.6	120.5	84.3	84.8	112.1	323.9	649.3	344.1
10:55:25	7:24:50	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.2	119.8	129.1	125.6	120.5	84.3	84.9	112.2	323.9	649.3	344.1
10:56:25	7:25:50	28.8	28.9	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.8	118.7	118.3	119.2	124.7	125.5	120.5	84.4	84.9	112.2	323.9	649.3	344.2
10:57:25	7:26:50	28.8	28.9	29.9	70.7	94.9	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.8	117.5	125.4	120.4	84.4	84.9	112.2	323.9	649.3	344.2
10:58:25	7:27:50	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.3	114.6	112.1	125.4	120.3	84.4	84.9	112.2	323.9	649.3	344.2
10:59:25	7:28:51	28.8	28.9	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.4	118.4	118.2	115.1	117.3	125.3	120.2	84.6	85.0	112.2	323.9	649.3	344.2
11:00:25	7:29:51	28.8	28.9	29.9	70.7	95.5	117.8	118.3	118.1	117.1	118.5	118.4	118.2	119.4	128.3	125.3	120.2	84.6	85.0	112.2	323.9	649.3	344.2
11:01:25	7:30:51	28.8	28.9	29.9	70.7	95.6	117.8	118.3	118.1	117.0	118.5	118.4	118.2	119.2	128.4	125.3	120.2	84.6	85.0	112.2	323.9	649.3	344.1
11:02:25	7:31:51	28.8	28.9	29.9	70.7	95.2	117.9	118.6	118.2	117.1	118.7	118.6	118.3	118.3	123.1	125.2	120.1	84.7	85.0	112.2	323.9	649.3	344.2
11:03:26	7:32:51	28.8	28.9	29.9	70.7	95.2	117.9	118.5	118.2	117.2	118.6	118.5	118.3	117.1	119.1	125.1	120.0	84.6	85.0	112.2	323.9	649.3	344.1
11:04:26	7:33:51	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.7	117.8	125.1	120.0	84.7	85.0	112.2	323.9	649.3	344.1
11:05:26	7:34:51	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.6	128.8	125.1	119.8	84.8	85.1	112.2	323.9	649.3	344.2
11:06:26	7:35:51	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.6	118.3	119.0	124.9	125.1	119.8	84.7	85.0	112.2	323.9	649.3	344.2
11:07:26	7:36:51	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.8	118.6	118.4	117.7	120.3	124.9	119.8	84.8	85.1	112.2	323.9	649.3	342.7
11:08:26	7:37:52	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.1	118.5	125.0	119.8	84.8	85.1	112.3	323.9	649.3	342.7
11:09:26	7:38:52	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.8	117.7	125.0	119.8	84.8	85.2	112.2	323.9	649.3	342.7
11:10:26	7:39:52	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.3	116.5	117.2	124.8	119.7	84.8	85.1	112.2	323.9	649.3	342.7
11:11:27	7:40:52	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.7	124.8	119.6	84.8	85.1	112.2	323.9	649.3	342.6
11:12:27	7:41:52	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.7	118.6	118.3	118.0	121.8	124.8	119.5	84.8	85.2	112.2	323.9	649.3	342.7
11:13:27	7:42:52	28.8	28.9	29.9	70.7	95.3	117.9	118.5	118.2	117.1	118.6	118.6	118.3	117.2	119.0	124.7	119.5	84.8	85.1	112.2	323.9	649.3	342.7
11:14:27	7:43:52	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.8	117.9	124.7	119.5	84.9	85.1	112.2	323.9	649.3	342.6
11:15:27	7:44:52	28.8	28.9	29.9	71.1	96.2	117.8	118.3	118.1	117.0	118.6	118.5	118.3	119.0	127.2	124.6	119.3	84.9	85.1	112.2	323.9	649.3	342.7
11:16:27	7:45:52	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.5	118.2	118.6	123.4	124.6	119.3	84.8	85.1	112.2	323.9	649.3	342.6
11:17:27	7:46:53	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.6	118.5	118.3	117.4	119.6	124.6	119.2	84.8	85.1	112.3	323.9	649.3	342.6
11:18:27	7:47:53	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.9	118.2	124.4	119.2	84.9	85.1	112.2	323.9	649.3	342.6
11:19:27	7:48:53	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.7	118.6	118.3	119.6	128.4	124.4	119.2	84.9	85.1	112.2	323.9	649.3	342.6
11:20:28	7:49:53	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	119.6	126.3	124.5	119.2	85.1	85.2	112.3	323.9	649.3	342.7
11:21:28	7:50:53	28.8	28.9	29.9	71.1	95.6	118.0	118.7	118.3	117.2	118.8	118.7	118.4	117.6	119.4	124.4	121.7	85.1	85.1	113.9	323.9	649.3	342.6
11:22:28	7:51:53	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.0	115.3	124.3	122.3	85.1	85.1	112.7	323.9	649.3	342.6
11:23:28	7:52:53	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	115.8	115.2	124.3	122.3	85.1	85.1	112.6	323.9	649.3	342.6
11:24:28	7:53:53	28.8	28.9	29.9	71.2	96.0	117.9	118.5	118.2	117.1	118.5	118.5	118.2	119.8	129.0	124.2	122.2	85.1	85.1	112.6	323.9	649.3	342.6
11:25:28	7:54:53	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.1	122.2	124.2	122.2	85.1	85.1	112.6	323.9	649.3	342.6

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000137

11:26:28	7:55:54	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.1	118.6	118.6	118.3	117.1	118.9	124.1	122.1	85.1	85.1	112.7	323.9	649.3	342.6
11:27:28	7:56:54	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.6	117.8	124.1	122.0	85.1	85.1	112.6	323.9	649.3	342.6
11:28:28	7:57:54	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	121.5	134.1	129.5	122.0	85.1	85.1	112.6	323.9	649.3	341.1
11:29:28	7:58:54	28.8	28.9	29.9	71.1	95.3	118.1	118.8	118.4	117.3	118.9	118.7	118.4	123.4	137.3	129.4	121.9	85.1	85.1	112.7	323.9	649.3	342.7
11:30:29	7:59:54	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.1	118.9	118.6	118.2	120.9	129.1	121.9	85.1	85.1	112.7	323.9	649.3	341.2
11:31:29	8:00:54	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.9	118.6	116.4	115.9	129.1	121.9	85.1	85.1	112.7	323.9	649.3	341.2
11:32:29	8:01:54	28.8	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.3	115.7	129.0	121.7	85.1	85.1	112.7	323.9	649.3	341.1
11:33:29	8:02:54	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.2	116.0	129.0	121.6	85.1	85.1	112.7	323.9	649.3	341.1
11:34:29	8:03:54	28.8	28.9	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.4	116.1	116.2	129.0	121.7	85.3	85.0	112.6	323.9	649.3	341.1
11:35:29	8:04:55	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	117.6	123.4	129.0	121.5	85.1	85.1	112.7	323.9	649.3	341.1
11:36:29	8:05:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	118.8	124.6	128.8	121.5	85.1	85.0	112.7	323.9	649.3	341.1
11:37:29	8:06:55	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.3	119.8	129.0	121.5	85.1	85.2	112.8	323.9	649.3	341.1
11:38:30	8:07:55	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.8	118.0	128.9	121.4	85.1	85.1	112.7	323.9	649.3	341.1
11:39:30	8:08:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.4	117.2	128.7	121.4	85.1	85.1	112.6	323.9	649.3	341.2
11:40:30	8:09:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	120.0	128.8	128.8	121.3	85.3	85.1	112.7	323.9	649.3	341.2
11:41:30	8:10:55	28.8	28.9	29.9	71.1	95.8	117.9	118.6	118.2	117.1	118.7	118.6	118.4	118.0	121.7	128.7	121.3	85.3	85.2	112.7	323.9	649.3	341.1
11:42:30	8:11:55	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	117.2	119.0	128.6	121.2	85.3	85.1	112.6	323.9	649.3	341.1
11:43:30	8:12:55	28.8	28.9	29.9	70.7	95.1	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.7	117.8	128.7	121.1	85.3	85.1	112.7	323.9	649.3	341.1
11:44:30	8:13:56	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.8	126.8	128.6	121.1	85.3	85.2	112.7	323.9	649.3	341.1
11:45:30	8:14:56	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	122.9	138.1	128.6	121.1	85.3	85.1	112.7	323.9	649.3	341.1
11:46:30	8:15:56	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.5	120.6	128.7	128.5	121.0	85.3	85.2	112.7	323.9	649.3	341.1
11:47:31	8:16:56	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.8	117.1	128.4	120.9	85.3	85.1	112.7	323.9	649.3	341.2
11:48:31	8:17:56	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.3	115.6	128.5	120.9	85.3	85.2	112.7	323.9	649.3	341.1
11:49:31	8:18:56	28.8	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.3	115.9	128.5	120.9	85.3	85.2	112.7	323.9	649.3	341.1
11:50:31	8:19:56	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.2	116.1	128.3	120.8	85.3	85.2	112.7	323.9	649.3	341.1
11:51:31	8:20:56	28.8	28.9	29.9	71.3	96.0	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.0	116.2	128.4	120.7	85.3	85.2	112.7	323.9	649.3	341.1
11:52:31	8:21:56	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.8	129.6	128.3	120.7	85.3	85.2	112.7	323.9	649.3	341.2
11:53:31	8:22:57	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.3	123.3	128.3	120.6	85.3	85.3	112.7	323.9	649.3	341.2
11:54:31	8:23:57	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.3	116.5	128.2	120.6	85.3	85.2	112.6	323.9	649.3	341.1
11:55:31	8:24:57	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	114.4	113.9	128.2	120.4	85.3	85.3	112.6	323.9	649.3	341.1
11:56:32	8:25:57	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.2	119.6	129.1	128.1	120.4	85.3	85.3	112.6	323.9	649.3	341.1
11:57:32	8:26:57	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	118.3	126.0	128.1	120.4	85.3	85.3	112.6	323.9	649.3	341.1
11:58:32	8:27:57	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	122.7	137.5	128.1	120.4	85.3	85.4	112.7	323.9	649.3	341.1
11:59:32	8:28:57	28.8	28.9	29.9	71.1	95.0	118.3	118.8	118.5	117.5	119.0	118.8	118.6	119.9	126.4	127.9	120.3	85.4	85.3	112.6	323.9	649.3	341.2
12:00:32	8:29:57	28.8	28.9	29.9	71.6	95.5	118.3	118.8	118.6	117.5	119.0	118.9	118.7	116.6	116.6	127.9	120.2	85.4	85.4	112.7	323.9	649.3	341.1
12:01:32	8:30:57	28.8	28.9	29.9	71.1	95.3	118.1	118.7	118.4	117.4	118.8	118.7	118.5	116.2	115.4	127.8	120.2	85.4	85.4	112.6	323.9	649.3	341.1
12:02:32	8:31:57	28.8	28.9	29.9	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.7	118.4	116.2	115.7	127.8	120.1	85.4	85.4	112.6	323.9	649.3	341.1
12:03:32	8:32:58	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.0	116.0	127.6	120.1	85.4	85.4	112.6	323.9	649.3	341.2
12:04:32	8:33:58	28.8	28.9	29.9	71.1	95.9	117.9	118.3	118.2	117.2	118.5	118.5	118.3	116.7	120.5	127.7	120.0	85.4	85.4	112.5	323.9	649.3	341.1
12:05:32	8:34:58	28.8	28.9	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.4	119.2	125.9	127.7	120.0	85.4	85.4	112.6	323.9	649.3	341.1
12:06:33	8:35:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.6	118.4	117.4	120.2	127.5	119.8	85.4	85.4	112.6	323.9	649.3	341.1
12:07:33	8:36:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.8	118.2	127.3	119.8	85.4	85.4	112.5	323.9	649.3	341.1
12:08:33	8:37:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.5	118.3	116.4	117.3	127.4	119.8	85.4	85.5	112.6	323.9	649.3	341.1
12:09:33	8:38:58	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	120.1	129.1	127.3	119.8	85.6	85.5	112.6	323.9	649.3	341.2
12:10:33	8:39:58	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	118.1	122.0	127.2	119.7	85.6	85.4	112.5	323.9	649.3	339.7
12:11:33	8:40:58	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.6	118.5	118.3	117.2	119.1	127.2	119.6	85.4	85.4	112.5	323.9	649.3	339.6
12:12:33	8:41:58	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.6	118.3	116.7	117.9	127.3	119.6	85.4	85.5	112.5	323.9	649.3	341.1
12:13:33	8:42:59	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.2	118.6	125.9	127.2	119.5	85.6	85.5	112.5	323.9	649.3	339.6
12:14:33	8:43:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	118.9	124.4	127.1	119.5	85.6	85.5	112.6	323.9	649.3	339.6
12:15:33	8:44:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.6	120.0	127.0	119.3	85.4	85.5	112.5	323.9	649.3	339.7
12:16:34	8:45:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.0	118.4	126.9	119.3	85.6	85.5	112.5	323.9	649.3	339.6
12:17:34	8:46:59	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	116.7	117.6	127.1	119.3	85.6	85.6	112.5	323.9	649.3	339.6
12:18:34	8:47:59	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.4	117.2	127.0	119.3	85.6	85.6	112.5	323.9	649.3	339.6
12:19:34	8:48:59	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.5	118.3	119.8	128.0	126.9	119.3	85.6	85.6	112.5	323.9	649.3	339.7
12:20:34	8:49:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.8	121.4	126.8	119.2	85.7	85.6	112.5	323.9	649.3	339.7
12:21:34	8:50:59	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	117.1	118.8	126.8	119.2	85.7	85.7	112.5	323.9	649.3	339.7
12:22:34	8:52:00	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.7	118.6	118.3	116.8	117.8	126.7	119.1	85.7	85.7	112.5	323.9	649.3	339.6
12:23:34	8:53:00	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.9	128.0	126.7	121.2	85.7	85.7	114.0	323.9	649.3	339.6

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12:24:34	8:54:00	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.4	117.5	119.9	126.6	122.4	85.7	85.8	112.9	323.9	649.3	339.6
12:25:35	8:55:00	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	114.9	113.2	126.7	122.4	85.7	85.8	112.9	323.9	649.3	339.7
12:26:35	8:56:00	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.5	118.5	118.3	119.0	128.0	126.6	122.3	85.7	85.8	112.9	323.9	649.3	338.2
12:27:35	8:57:00	28.8	28.9	29.9	71.6	96.5	117.9	118.5	118.2	117.1	118.7	118.6	118.3	117.8	122.2	126.6	122.2	85.7	85.9	112.9	323.9	649.3	338.1
12:28:35	8:58:00	28.8	28.9	29.9	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.9	118.5	126.5	122.2	85.8	86.0	112.9	323.9	649.3	338.2
12:29:35	8:59:00	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	118.2	125.0	126.4	122.1	85.8	86.0	112.9	323.9	649.3	338.1
12:30:35	9:00:00	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.2	117.2	118.7	118.6	118.3	118.9	124.4	126.4	122.1	85.8	86.0	113.0	323.9	649.3	338.1
12:31:35	9:01:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.5	119.9	126.3	122.0	85.8	86.0	113.0	323.9	649.3	338.1
12:32:35	9:02:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.0	118.3	126.2	122.0	85.8	86.1	113.0	323.9	649.3	338.1
12:33:35	9:03:01	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	116.6	117.5	126.2	121.9	85.8	86.1	113.1	323.9	649.3	338.1
12:34:35	9:04:01	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.5	118.5	118.3	116.4	117.1	126.2	121.9	85.8	86.2	113.1	323.9	649.3	338.1
12:35:36	9:05:01	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.3	119.9	128.3	126.1	121.8	85.8	86.2	113.1	323.9	649.3	338.1
12:36:36	9:06:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.8	121.6	126.0	121.8	85.9	86.2	113.0	323.9	649.3	338.2
12:37:36	9:07:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.2	119.0	126.0	121.8	85.9	86.2	113.1	323.9	649.3	338.2
12:38:36	9:08:01	28.8	28.9	29.9	71.6	96.4	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.7	117.8	126.0	121.7	85.9	86.3	113.1	323.9	649.3	338.1
12:39:36	9:09:01	28.8	28.9	29.9	71.1	96.0	117.9	118.3	118.2	117.1	118.6	118.5	118.3	116.5	118.1	126.0	121.6	86.0	86.3	113.1	323.9	649.3	338.1
12:40:36	9:10:01	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.6	118.6	118.3	119.6	126.9	125.9	121.6	86.0	86.3	113.1	323.9	649.3	338.1
12:41:36	9:11:02	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.8	118.7	118.3	117.8	121.0	126.0	121.5	86.0	86.4	113.1	323.9	649.3	338.2
12:42:36	9:12:02	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.2	118.8	125.8	121.5	86.2	86.4	113.2	323.9	649.3	338.1
12:43:36	9:13:02	28.8	28.9	29.9	71.0	95.6	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.8	117.9	125.7	121.4	86.2	86.4	113.1	323.9	649.3	338.1
12:44:37	9:14:02	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.5	117.4	125.7	121.4	86.2	86.4	113.2	323.9	649.3	338.5
12:45:37	9:15:02	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.5	118.2	120.0	128.8	125.8	121.4	86.2	86.4	113.2	323.9	649.3	338.1
12:46:37	9:16:02	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.6	118.3	118.1	121.9	125.7	121.2	86.2	86.5	113.2	323.9	649.3	338.2
12:47:37	9:17:02	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.3	119.2	125.6	121.2	86.2	86.5	113.2	323.9	649.3	338.2
12:48:37	9:18:02	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.9	118.1	125.6	121.2	86.3	86.6	113.2	323.9	649.3	338.1
12:49:37	9:19:02	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.6	117.5	125.6	121.2	86.3	86.6	113.2	323.9	649.3	336.6
12:50:37	9:20:03	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	119.8	129.0	125.5	121.1	86.3	86.6	113.2	323.9	649.3	338.1
12:51:37	9:21:03	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.3	122.9	125.4	121.0	86.4	86.7	113.2	323.9	649.3	336.6
12:52:37	9:22:03	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.8	118.7	118.3	117.4	119.6	125.4	121.0	86.4	86.7	113.2	323.9	649.3	336.6
12:53:37	9:23:03	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.9	118.2	125.3	120.9	86.4	86.7	113.3	323.9	649.3	336.6
12:54:38	9:24:03	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.6	117.6	125.3	120.8	86.4	86.8	113.3	323.9	649.3	336.6
12:55:38	9:25:03	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.5	118.2	116.4	117.2	125.3	120.8	86.5	86.8	113.3	323.9	649.3	336.6
12:56:38	9:26:03	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.2	119.9	128.4	125.3	120.8	86.5	86.9	113.3	323.9	649.3	336.6
12:57:38	9:27:03	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.7	118.3	118.0	121.7	125.2	120.7	86.5	86.9	113.4	323.9	649.3	336.6
12:58:38	9:28:03	28.8	28.9	29.9	71.1	95.8	118.0	118.6	118.3	117.1	118.7	118.7	118.3	117.2	119.1	125.2	120.6	86.7	87.0	113.4	323.9	649.3	336.7
12:59:38	9:29:04	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.9	118.0	125.2	120.7	86.7	87.0	113.4	323.9	649.3	336.6
13:00:38	9:30:04	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	118.2	124.6	125.1	120.6	86.7	87.0	113.4	323.9	649.3	336.6
13:01:38	9:31:04	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.3	122.7	137.5	125.0	120.6	86.7	87.2	113.4	323.9	649.3	338.0
13:02:39	9:32:04	28.8	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.2	119.0	118.6	121.2	129.9	125.0	120.6	86.8	87.3	113.5	323.9	649.3	338.0
13:03:39	9:33:04	28.8	28.9	29.9	71.1	94.8	118.4	118.9	118.7	117.5	119.1	119.0	118.6	117.2	117.7	125.0	120.5	86.8	87.3	113.5	323.9	649.3	336.6
13:04:39	9:34:04	28.8	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.6	116.4	115.7	124.9	120.4	86.8	87.3	113.5	323.9	649.3	336.7
13:05:39	9:35:04	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.4	116.5	116.1	124.8	120.4	86.9	87.3	113.5	323.9	649.3	336.7
13:06:39	9:36:04	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	116.4	116.4	124.8	120.4	86.9	87.4	113.5	323.9	649.3	336.6
13:07:39	9:37:04	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.4	117.1	118.8	118.7	118.3	116.2	116.4	124.7	120.2	86.9	87.4	113.5	323.9	649.3	336.6
13:08:39	9:38:05	28.8	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.6	118.6	118.3	116.2	116.5	124.7	120.3	87.1	87.4	113.5	323.9	649.3	336.7
13:09:39	9:39:05	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	116.1	116.5	124.6	120.2	87.1	87.6	113.5	323.9	649.3	336.7
13:10:39	9:40:05	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.2	119.9	129.4	124.6	120.2	87.2	87.6	113.5	323.9	649.3	336.7
13:11:40	9:41:05	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.7	118.7	118.3	118.1	122.2	124.7	120.1	87.2	87.7	113.6	323.9	649.3	336.6
13:12:40	9:42:05	28.8	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.7	118.7	118.3	117.2	119.1	124.6	120.1	87.2	87.7	113.5	323.9	649.3	336.6
13:13:40	9:43:05	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.8	117.9	124.5	120.0	87.3	87.8	113.6	323.9	649.3	336.6
13:14:40	9:44:05	28.8	28.9	29.9	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.3	118.7	126.1	124.4	120.0	87.3	87.8	113.5	323.9	649.3	336.6
13:15:40	9:45:05	28.8	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.9	118.8	118.4	122.9	137.9	124.4	119.8	87.3	87.9	113.6	323.9	649.3	336.7
13:16:40	9:46:05	28.8	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	118.9	118.6	120.9	129.3	124.3	119.8	87.3	87.9	113.7	323.9	649.3	336.6
13:17:40	9:47:06	28.8	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	118.9	118.6	117.0	117.4	124.2	119.8	87.4	87.9	113.7	323.9	649.3	336.6
13:18:40	9:48:06	28.8	28.9	29.9	71.1	94.9	118.3	118.8	118.6	117.5	119.0	118.9	118.6	116.5	115.8	124.1	119.8	87.6	88.0	113.6	323.9	649.3	336.6
13:19:40	9:49:06	28.8	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.6	116.5	116.1	124.2	119.8	87.6	88.1	113.7	323.9	649.3	336.6
13:20:40	9:50:06	28.8	28.9	29.9	71.1	95.2	118.2	118.7	118.5	117.4	118.8	118.8	118.5	116.5	116.5	124.1	119.8	87.6	88.1	113.7	323.9	649.3	336.6
13:21:41	9:51:06	28.8	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	116.3	116.5	124.2	119.6	87.6	88.1	113.7	323.9	649.3	336.7

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13:22:41	9:52:06	28.8	28.9	29.9	71.6	96.3	118.0	118.6	118.3	117.2	118.6	118.6	118.3	116.2	116.6	124.1	119.6	87.8	88.2	113.7	323.9	649.3	336.6
13:23:41	9:53:06	28.8	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.1	116.5	124.1	119.6	87.8	88.3	113.7	323.9	649.3	336.6
13:24:41	9:54:06	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	120.8	132.4	129.1	119.6	87.8	88.3	113.8	323.9	649.3	336.6
13:25:41	9:55:06	28.7	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.9	118.7	118.4	119.0	124.8	129.1	119.5	87.8	88.4	113.8	323.9	649.3	336.6
13:26:41	9:56:07	28.7	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.3	116.6	128.9	119.5	87.9	88.4	113.8	323.9	649.3	336.6
13:27:41	9:57:07	28.7	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.6	118.3	115.9	115.6	129.0	119.3	87.9	88.5	113.8	323.9	649.3	336.6
13:28:41	9:58:07	28.7	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	116.0	115.9	128.8	119.3	88.0	88.5	113.8	323.9	649.3	336.5
13:29:41	9:59:07	28.7	28.9	29.9	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	119.8	129.0	129.0	119.3	88.0	88.6	113.8	323.9	649.3	336.6
13:30:42	10:00:07	28.7	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	118.1	122.2	128.9	119.3	88.0	88.6	113.8	323.9	649.3	336.6
13:31:42	10:01:07	28.7	28.9	29.9	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	117.2	119.1	128.8	119.2	88.1	88.6	113.8	323.9	649.3	336.6
13:32:42	10:02:07	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.8	118.2	128.8	119.2	88.1	88.7	113.8	323.9	649.3	336.6
13:33:42	10:03:07	28.7	28.9	29.9	71.1	95.5	118.1	118.7	118.4	117.2	118.7	118.7	118.3	121.8	134.7	128.8	119.2	88.1	88.7	113.9	323.9	649.3	335.1
13:34:42	10:04:07	28.7	28.9	29.9	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.9	118.5	121.4	130.9	128.7	119.1	88.2	88.7	113.9	323.9	649.3	335.1
13:35:42	10:05:08	28.7	28.9	29.9	71.1	94.8	118.3	118.9	118.6	117.5	119.1	119.0	118.6	117.1	117.9	128.7	121.1	88.2	88.8	115.2	323.9	649.3	336.6
13:36:42	10:06:08	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	119.0	118.8	118.5	116.4	115.8	128.7	122.4	88.2	88.8	114.3	323.9	649.3	335.1
13:37:42	10:07:08	28.7	28.9	29.9	71.1	95.3	118.1	118.7	118.4	117.4	118.8	118.7	118.5	116.4	116.0	128.7	122.3	88.3	88.8	114.3	323.9	649.3	335.1
13:38:43	10:08:08	28.7	28.9	29.9	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.4	116.4	128.6	122.4	88.4	88.9	114.3	323.9	649.3	335.1
13:39:43	10:09:08	28.7	28.9	29.9	71.1	95.6	118.0	118.6	118.4	117.2	118.8	118.7	118.4	116.3	116.5	128.6	122.3	88.4	89.0	114.4	323.9	649.3	335.1
13:40:43	10:10:08	28.7	28.9	29.9	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	116.1	116.5	128.5	122.3	88.4	89.0	114.4	323.9	649.3	335.1
13:41:43	10:11:08	28.7	28.9	29.9	71.6	96.4	118.0	118.5	118.3	117.2	118.6	118.6	118.3	120.7	132.4	128.5	122.2	88.4	89.0	114.4	323.9	649.3	335.1
13:42:43	10:12:08	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.7	118.5	122.0	133.3	128.4	122.2	88.5	89.0	114.5	323.9	649.3	335.1
13:43:43	10:13:09	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	119.0	118.8	118.6	117.2	118.7	128.3	122.1	88.5	89.0	114.5	323.9	649.3	335.1
13:44:43	10:14:09	28.7	28.9	29.9	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.3	115.8	128.3	122.1	88.7	89.0	114.5	323.9	649.3	335.1
13:45:43	10:15:09	28.7	28.9	29.9	71.1	95.3	118.1	118.7	118.4	117.4	118.8	118.8	118.5	116.2	115.9	128.3	122.0	88.5	89.1	114.5	323.9	649.3	335.1
13:46:44	10:16:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	116.2	116.2	128.2	121.9	88.7	89.2	114.6	323.9	649.3	335.0
13:47:44	10:17:09	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.4	116.1	116.3	128.2	121.9	88.7	89.2	114.6	323.9	649.3	335.1
13:48:44	10:18:09	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	119.2	128.2	128.0	121.9	88.8	89.2	114.6	323.9	649.3	335.1
13:49:44	10:19:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.4	118.4	123.2	128.0	121.9	88.8	89.3	114.6	323.9	649.3	335.1
13:50:44	10:20:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.4	117.3	119.5	128.0	121.8	88.8	89.3	114.6	323.9	649.3	335.1
13:51:44	10:21:09	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	116.9	118.2	127.8	121.7	88.8	89.3	114.6	323.9	649.3	335.1
13:52:44	10:22:10	28.7	28.9	29.8	71.1	95.9	117.9	118.5	118.2	117.1	118.7	118.7	118.3	116.7	117.6	127.8	121.7	88.9	89.5	114.7	323.9	649.3	335.0
13:53:44	10:23:10	28.7	28.9	29.8	71.1	95.5	118.1	118.6	118.4	117.3	118.7	118.7	118.4	121.0	132.7	127.8	121.7	89.0	89.5	114.7	323.9	649.3	333.6
13:54:45	10:24:10	28.7	28.9	29.8	71.1	95.1	118.2	118.8	118.5	117.4	119.0	118.8	118.5	121.6	131.8	127.7	121.6	89.0	89.5	114.8	323.9	649.3	333.6
13:55:45	10:25:10	28.7	28.9	29.8	71.1	95.0	118.3	118.8	118.6	117.4	119.0	118.9	118.6	117.2	118.2	127.8	121.5	89.0	89.6	114.9	323.9	649.3	333.5
13:56:45	10:26:10	28.7	28.9	29.9	71.1	95.0	118.3	118.8	118.5	117.5	118.9	118.8	118.5	116.4	115.9	127.7	121.5	89.1	89.7	114.8	323.9	649.3	333.6
13:57:45	10:27:10	28.7	28.9	29.8	71.6	96.0	118.1	118.7	118.4	117.3	118.9	118.8	118.5	116.4	116.1	127.6	121.5	89.1	89.8	114.9	323.9	649.3	333.5
13:58:45	10:28:10	28.7	28.9	29.8	71.7	96.2	118.1	118.7	118.4	117.3	118.8	118.7	118.4	116.4	116.5	127.5	121.5	89.2	89.8	114.9	323.9	649.3	333.6
13:59:45	10:29:10	28.7	28.9	29.8	71.6	96.4	118.0	118.5	118.3	117.2	118.7	118.7	118.4	116.4	116.6	127.5	121.4	89.3	89.9	114.9	323.9	649.3	333.6
14:00:45	10:30:11	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.2	117.2	118.6	118.6	118.3	116.2	116.6	127.5	121.3	89.3	90.0	114.9	323.9	649.3	333.6
14:01:45	10:31:11	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.3	117.1	118.5	118.6	118.3	116.2	116.6	127.4	121.3	89.4	90.0	114.9	323.9	649.3	333.5
14:02:46	10:32:11	28.7	28.9	29.8	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.3	119.8	128.3	127.3	121.2	89.4	90.0	114.9	323.9	649.3	333.6
14:03:46	10:33:11	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	117.8	121.6	127.3	121.2	89.5	90.2	115.0	323.9	649.3	333.6
14:04:46	10:34:11	28.7	28.9	29.8	71.6	96.3	118.0	118.6	118.3	117.2	118.7	118.7	118.3	117.2	119.0	127.3	121.2	89.5	90.2	115.0	323.9	649.3	333.6
14:05:46	10:35:11	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.7	118.7	118.3	116.9	118.1	127.1	121.1	89.5	90.3	115.0	323.9	649.3	333.6
14:06:46	10:36:11	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.7	117.6	127.1	121.1	89.7	90.3	115.0	323.9	649.3	333.6
14:07:46	10:37:11	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	120.6	131.6	127.1	121.1	89.7	90.4	115.1	323.9	649.3	332.1
14:08:46	10:38:12	28.8	28.9	29.8	71.1	95.2	118.2	118.8	118.5	117.3	119.0	118.8	118.5	122.9	135.6	127.1	121.1	89.8	90.4	115.2	323.9	649.3	333.5
14:09:46	10:39:12	28.8	28.9	29.8	71.1	94.9	118.3	118.9	118.6	117.4	119.0	118.9	118.6	117.8	120.2	127.0	121.1	89.9	90.5	115.2	323.9	649.3	332.1
14:10:46	10:40:12	28.8	28.9	29.8	71.1	95.2	118.2	118.8	118.5	117.4	119.0	118.9	118.6	116.5	115.9	127.0	121.0	89.9	90.5	115.2	323.9	649.3	333.5
14:11:47	10:41:12	28.7	28.9	29.8	71.1	95.2	118.2	118.7	118.5	117.4	118.9	118.8	118.5	116.5	116.0	126.9	121.0	89.9	90.5	115.1	323.9	649.3	333.6
14:12:47	10:42:12	28.7	28.9	29.8	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.8	118.5	116.5	116.4	126.9	120.9	90.0	90.6	115.2	323.9	649.3	333.5
14:13:47	10:43:12	28.7	28.9	29.8	71.1	95.6	118.0	118.6	118.3	117.3	118.8	118.7	118.4	116.4	116.6	126.8	120.9	90.0	90.6	115.2	323.9	649.3	333.5
14:14:47	10:44:12	28.7	28.9	29.8	71.1	95.7	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.3	116.7	126.8	120.8	90.0	90.7	115.2	323.9	649.3	333.6
14:15:47	10:45:12	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	118.4	125.7	126.9	120.7	90.1	90.8	115.2	323.9	649.3	333.6
14:16:47	10:46:12	28.7	28.9	29.8	71.1	95.5	118.1	118.7	118.4	117.2	118.8	118.7	118.4	122.8	137.6	126.9	120.7	90.2	90.8	115.3	323.9	649.3	333.6
14:17:47	10:47:13	28.7	28.9	29.8	71.1	95.1	118.2	118.8	118.5	117.4	119.1	118.9	118.6	119.6	125.7	126.6	120.7	90.2	90.8	115.3	323.9	649.3	333.6
14:18:47	10:48:13	28.7	28.9	29.8	71.1	95.0	118.3	118.8	118.5	117.5	119.0	118.9	118.6	116.6	116.6	126.7	120.6	90.2	90.9	115.4	323.9	649.3	333.6
14:19:48	10:49:13	28.7	28.9	29.8	71.1	95.2	118.2	118.8	118.5	117.4	118.9	118.8	118.5	116.4	115.8	126.6	120.6	90.4	90.9	115.4	323.9	649.3	332.0

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000140

14:20:48	10:50:13	28.7	28.9	29.8	71.1	95.4	118.1	118.7	118.4	117.3	118.8	118.7	118.5	116.4	116.2	126.5	120.5	90.3	90.9	115.4	323.9	649.3	332.1
14:21:48	10:51:13	28.8	28.9	29.8	71.1	95.4	118.1	118.7	118.4	117.3	118.7	118.7	118.4	116.4	116.6	126.5	120.5	90.4	91.0	115.4	323.9	649.3	332.1
14:22:48	10:52:13	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.7	118.3	116.4	116.7	126.4	120.5	90.5	91.0	115.3	323.9	649.3	332.1
14:23:48	10:53:13	28.7	28.9	29.8	71.1	95.8	118.0	118.5	118.3	117.2	118.6	118.6	118.3	116.3	116.7	126.3	120.5	90.5	91.0	115.4	323.9	649.3	332.1
14:24:48	10:54:13	28.7	28.9	29.8	70.7	95.4	117.9	118.3	118.2	117.1	118.6	118.5	118.3	118.9	127.5	126.3	120.4	90.5	91.1	115.4	323.9	649.3	332.1
14:25:48	10:55:14	28.7	28.9	29.8	70.7	95.0	118.0	118.6	118.3	117.2	118.7	118.7	118.3	118.6	123.6	126.3	120.3	90.6	91.1	115.4	323.9	649.3	332.1
14:26:48	10:56:14	28.7	28.9	29.8	71.1	95.6	118.0	118.6	118.4	117.2	118.7	118.7	118.4	117.5	119.9	126.2	120.3	90.6	91.1	115.5	323.9	649.3	332.1
14:27:48	10:57:14	28.7	28.9	29.8	71.1	95.6	118.0	118.6	118.3	117.2	118.7	118.6	118.4	117.1	118.5	126.3	120.3	90.7	91.2	115.5	323.9	649.3	332.1
14:28:49	10:58:14	28.7	28.9	29.8	71.1	95.7	118.0	118.6	118.3	117.2	118.7	118.6	118.3	116.9	117.9	126.1	120.2	90.7	91.2	115.4	323.9	649.3	332.1
14:29:49	10:59:14	28.7	28.9	29.8	71.1	95.9	117.9	118.5	118.2	117.1	118.6	118.6	118.2	116.7	117.5	126.1	120.2	90.7	91.2	115.5	323.9	649.3	332.0

EXPOSURE(2) SUMMARY 06/11/2015 14:45:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:35	11:00:00	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	120.0	130.1	126.0	120.2	90.8	91.2	115.5	323.9	649.3	332.1

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 119.3 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.6 MAX GAS TEMP: 090.9
END PRESS: 0028.7 MIN PRESS: 0028.7 MIN TEMP: 118.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 078.8
PRESS CHANGE: 000.3 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 129.7
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

STERILANT REMOVAL 06/11/2015 14:45:35

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:30:35	0:00:00	28.7	28.9	29.8	71.1	95.8	117.9	118.5	118.3	117.1	118.6	118.6	118.3	120.0	130.1	126.0	120.2	90.8	91.2	115.5	323.9	649.3	332.1
14:31:35	0:01:00	28.0	28.1	29.8	69.8	94.2	117.9	118.5	118.2	117.0	118.6	118.5	118.1	118.7	124.4	126.1	120.1	90.9	94.5	115.5	323.9	649.3	326.1
14:32:35	0:02:00	27.4	27.5	29.8	68.8	93.2	117.8	118.3	118.1	116.9	118.5	118.4	118.0	119.3	127.1	126.1	120.0	90.9	96.0	115.6	323.9	649.3	318.5
14:33:35	0:03:00	26.6	26.8	29.8	67.5	91.4	117.7	118.3	118.0	116.9	118.4	118.3	117.9	120.3	127.9	125.9	120.1	91.0	97.0	115.6	323.9	649.3	309.4
14:34:35	0:04:00	26.0	26.1	29.8	66.6	90.1	117.8	118.3	118.1	116.9	118.5	118.4	118.0	120.4	128.3	125.8	120.0	91.0	97.7	115.6	323.9	649.3	302.0
14:35:35	0:05:00	25.3	25.5	29.8	65.2	88.3	117.7	118.3	118.1	116.8	118.5	118.4	117.9	120.1	127.8	125.8	120.0	91.0	98.8	115.6	323.9	649.3	292.9
14:36:35	0:06:01	24.6	24.7	29.8	63.8	86.5	117.7	118.3	118.1	116.8	118.5	118.4	118.0	120.0	127.6	125.8	120.0	91.0	99.6	115.7	323.9	649.3	285.4
14:37:35	0:07:01	24.0	24.1	29.8	62.9	85.1	117.8	118.5	118.1	116.9	118.5	118.4	118.0	119.8	127.1	125.7	119.8	91.1	100.1	115.7	323.9	649.3	277.8
14:38:36	0:08:01	23.3	23.4	29.8	61.6	83.3	117.8	118.5	118.1	116.9	118.5	118.4	118.0	119.6	126.6	125.6	119.8	91.1	100.4	115.7	323.9	649.4	268.8
14:39:36	0:09:01	22.6	22.7	29.8	60.7	82.2	117.7	118.3	118.1	116.8	118.5	118.4	117.9	119.4	125.7	125.6	119.8	91.1	100.7	115.7	323.9	649.3	261.3
14:40:36	0:10:01	21.9	22.0	29.8	59.8	80.9	117.8	118.5	118.1	116.8	118.6	118.4	118.0	119.2	124.5	125.6	119.8	91.2	100.9	115.8	323.9	649.4	253.8
14:41:36	0:11:01	21.2	21.3	29.8	58.4	79.0	117.8	118.5	118.1	116.8	118.6	118.4	118.0	119.2	123.2	125.5	119.8	91.2	101.3	115.8	324.0	649.4	244.7
14:42:36	0:12:01	20.6	20.7	29.8	57.5	77.8	117.8	118.5	118.1	116.8	118.6	118.4	117.9	119.2	122.6	125.5	119.7	91.2	101.4	115.8	323.9	649.3	237.1

STERILANT REMOVAL SUMMARY 06/11/2015 14:57:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:42	0:12:06	20.5	20.6	29.8	57.5	77.8	117.8	118.5	118.1	116.8	118.5	118.4	117.9	119.0	123.5	125.5	119.7	91.2	101.4	115.8	324.0	649.3	237.2

START PRESS: 0028.7 MAX PRESS: 0028.7 MAX TEMP: 118.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.1 MAX GAS TEMP: 091.3
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.8 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 125.4 MIN GAS TEMP: 090.8
PRESS CHANGE: 008.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.7

POST N2 WASH(1) (Loop:1/6) 06/11/2015 14:57:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:42:43	0:00:00	20.5	20.6	29.8	57.5	77.8	117.8	118.5	118.1	116.8	118.5	118.4	117.9	119.0	123.5	125.5	119.7	91.2	101.4	115.8	324.0	649.3	237.2
14:44:43	0:02:00	23.1	23.3	29.8	60.2	79.3	118.8	119.6	119.1	117.9	119.7	119.4	119.2	119.3	122.5	125.4	119.6	108.5	99.7	115.8	324.0	649.3	252.3
14:46:43	0:04:00	25.9	26.0	29.8	60.2	78.4	119.3	119.9	119.5	118.4	120.1	119.8	119.6	119.9	124.3	125.3	119.3	113.1	98.3	115.8	323.9	649.3	241.7

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000141

POST N2 WASH(1) (Loop:1/6) SUMMARY 06/11/2015 15:03:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:37	0:05:55	28.5	28.6	29.8	58.9	76.4	119.4	119.9	119.6	118.6	120.2	119.9	119.9	120.7	127.1	125.2	119.3	113.7	97.1	115.8	323.9	649.3	228.1

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 125.5 MAX GAS TEMP: 113.7
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.1 MIN GAS TEMP: 091.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.2

POST EVACUATION(1) (Loop:1/6) 06/11/2015 15:03:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:48:37	0:00:00	28.5	28.6	29.8	58.9	76.4	119.4	119.9	119.6	118.6	120.2	119.9	119.9	120.7	127.1	125.2	119.3	113.7	97.1	115.8	323.9	649.3	228.1
14:50:37	0:02:00	25.8	25.9	29.8	53.4	71.6	118.1	118.8	118.3	117.3	118.9	118.6	118.4	120.6	128.0	125.0	119.1	109.6	102.4	115.8	323.9	649.3	192.0
14:52:37	0:04:00	23.1	23.2	29.8	49.3	66.7	117.8	118.5	118.0	116.9	118.6	118.3	118.0	119.0	123.4	125.0	121.0	105.9	103.8	117.1	323.9	649.3	167.9

POST EVACUATION(1) (Loop:1/6) SUMMARY 06/11/2015 15:09:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:32	0:05:54	20.5	20.6	29.8	47.0	63.9	117.6	118.3	117.9	116.7	118.3	118.1	117.7	120.3	125.0	124.9	122.3	103.2	105.0	116.2	324.0	649.3	152.8

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.2 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.2 MAX GAS TEMP: 113.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 124.9 MIN GAS TEMP: 103.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

POST N2 WASH(1) (Loop:2/6) 06/11/2015 15:09:33

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
14:54:32	0:00:00	20.5	20.6	29.8	47.0	63.9	117.6	118.3	117.9	116.7	118.3	118.1	117.7	120.3	125.0	124.9	122.3	103.2	105.0	116.2	324.0	649.3	152.8
14:56:32	0:02:00	23.2	23.3	29.8	49.3	64.7	118.9	119.6	119.2	118.1	119.7	119.5	119.3	120.9	127.7	124.7	122.2	112.5	103.0	116.1	323.9	649.3	164.9
14:58:32	0:04:00	25.9	26.0	29.8	50.2	65.2	119.4	119.9	119.6	118.6	120.1	119.8	119.8	120.5	127.7	124.7	122.1	115.7	101.2	116.2	323.9	649.3	161.9

POST N2 WASH(1) (Loop:2/6) SUMMARY 06/11/2015 15:15:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:26	0:05:55	28.5	28.6	29.8	49.3	63.7	119.6	120.2	119.7	118.9	120.3	120.0	120.1	118.9	122.6	124.6	121.8	116.1	99.7	116.1	324.0	649.3	155.8

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 124.9 MAX GAS TEMP: 116.2
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.7 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 124.6 MIN GAS TEMP: 103.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.8

POST EVACUATION(1) (Loop:2/6) 06/11/2015 15:15:27

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:00:26	0:00:00	28.5	28.6	29.8	49.3	63.7	119.6	120.2	119.7	118.9	120.3	120.0	120.1	118.9	122.6	124.6	121.8	116.1	99.7	116.1	324.0	649.3	155.8
15:02:26	0:02:00	25.8	25.9	29.8	45.7	60.9	118.3	118.9	118.5	117.6	119.1	118.7	118.6	120.3	124.5	124.6	121.8	112.2	103.4	116.2	323.9	649.3	131.8
15:04:27	0:04:00	23.1	23.2	29.8	43.0	57.9	117.9	118.6	118.1	117.1	118.6	118.4	118.2	120.9	128.1	124.5	121.6	108.4	105.2	116.2	324.0	649.3	115.2

POST EVACUATION(1) (Loop:2/6) SUMMARY 06/11/2015 15:21:20

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000142

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:19	0:05:53	20.5	20.6	29.8	41.1	55.8	117.7	118.3	117.9	116.9	118.5	118.2	118.0	119.2	121.8	124.3	121.5	105.6	106.2	116.2	324.0	649.3	107.7

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 124.7 MAX GAS TEMP: 116.1
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 124.3 MIN GAS TEMP: 105.6
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.5

POST N2 WASH(1) (Loop:3/6) 06/11/2015 15:21:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:06:19	0:00:00	20.5	20.6	29.8	41.1	55.8	117.7	118.3	117.9	116.9	118.5	118.2	118.0	119.2	121.8	124.3	121.5	105.6	106.2	116.2	324.0	649.3	107.7
15:08:19	0:02:00	23.2	23.3	29.8	43.8	57.4	119.0	119.7	119.2	118.3	119.9	119.6	119.6	120.5	125.4	124.4	121.4	112.7	104.2	116.2	324.0	649.3	118.2
15:10:19	0:04:00	25.9	26.0	29.8	44.3	57.4	119.5	120.1	119.6	118.8	120.3	120.0	120.1	120.8	128.0	124.2	121.2	115.4	102.3	116.2	323.9	649.3	118.2

POST N2 WASH(1) (Loop:3/6) SUMMARY 06/11/2015 15:27:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:12	0:05:53	28.5	28.6	29.8	44.8	57.6	119.7	120.3	119.8	119.1	120.4	120.1	120.3	119.0	121.9	128.8	121.1	115.7	100.9	116.2	324.0	649.4	113.7

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.4 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 115.8
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 117.9 DRM1 END: 324.0 DRM2 END: 649.4 MIN PRE TEMP: 124.0 MIN GAS TEMP: 105.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 121.6
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 121.1

POST EVACUATION(1) (Loop:3/6) 06/11/2015 15:27:14

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:12:12	0:00:00	28.5	28.6	29.8	44.8	57.6	119.7	120.3	119.8	119.1	120.4	120.1	120.3	119.0	121.9	128.8	121.1	115.7	100.9	116.2	324.0	649.4	113.7
15:14:12	0:02:00	25.8	25.9	29.8	41.2	54.8	118.4	118.9	118.5	117.7	119.1	118.8	118.8	120.7	125.6	129.1	121.0	112.2	104.2	116.2	323.9	649.3	97.1
15:16:12	0:04:00	23.1	23.2	29.8	38.9	52.2	118.0	118.7	118.2	117.3	118.8	118.5	118.4	120.3	126.7	129.0	120.9	108.7	105.9	116.3	323.9	649.4	86.6

POST EVACUATION(1) (Loop:3/6) SUMMARY 06/11/2015 15:33:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:04	0:05:52	20.5	20.6	29.8	38.0	51.2	117.9	118.6	118.0	117.1	118.6	118.2	118.1	120.3	124.2	129.0	120.9	106.2	106.7	116.2	323.9	649.3	82.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.5 DRM1 START: 324.0 DRM2 START: 649.4 MAX PRE TEMP: 129.4 MAX GAS TEMP: 115.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.8 MIN GAS TEMP: 106.1
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.1 MAX VAP TEMP: 121.1
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 120.8

POST N2 WASH(1) (Loop:4/6) 06/11/2015 15:33:06

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:18:04	0:00:00	20.5	20.6	29.8	38.0	51.2	117.9	118.6	118.0	117.1	118.6	118.2	118.1	120.3	124.2	129.0	120.9	106.2	106.7	116.2	323.9	649.3	82.1
15:20:04	0:02:00	23.2	23.3	29.8	40.7	53.0	119.2	119.8	119.4	118.5	120.0	119.7	119.8	121.0	128.0	128.9	120.7	112.5	104.9	116.3	323.9	649.3	91.2
15:22:05	0:04:00	25.9	26.0	29.8	41.2	53.1	119.6	120.2	119.7	119.0	120.3	120.0	120.2	119.2	123.7	128.8	120.6	115.1	103.0	116.3	324.0	649.3	92.7

POST N2 WASH(1) (Loop:4/6) SUMMARY 06/11/2015 15:39:00

CYCLE	PHASE	PX-1	PX-2	PX-4	CH	CALC.	AVG.	CH1	CH2	CH3	CH1A	CH2A	CH3A	JR	JS	PRHTR	VAP	GAS	MNFLD	MNTR	EO	EO	GAS

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TIME hh:mm:ss	TIME hh:mm:ss	PRESS (''HgA)	PRESS (''HgA)	PRESS (''HgA)	HUMID (mg/l)	HUMID (%RH)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	TEMP (°F)	DRM1 (Lbs.)	DRM2 (Lbs.)	CONC (mg/l)
15:23:58	0:05:54	28.5	28.6	29.8	41.6	53.4	119.8	120.3	119.9	119.2	120.6	120.3	120.5	120.3	124.6	128.8	120.4	115.4	101.5	116.3	323.9	649.3	89.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.1 MAX GAS TEMP: 115.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 118.1 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.8 MIN GAS TEMP: 106.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.4

POST EVACUATION(1) (Loop:4/6) 06/11/2015 15:39:00

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:23:58	0:00:00	28.5	28.6	29.8	41.6	53.4	119.8	120.3	119.9	119.2	120.6	120.3	120.5	120.3	124.6	128.8	120.4	115.4	101.5	116.3	323.9	649.3	89.6
15:25:58	0:02:00	25.8	25.9	29.8	38.4	51.0	118.5	119.1	118.6	117.8	119.2	118.9	118.9	120.9	127.9	128.7	120.3	112.1	104.8	116.3	323.9	649.3	76.1
15:27:59	0:04:00	23.0	23.1	29.8	36.2	48.4	118.2	118.8	118.3	117.5	118.9	118.6	118.6	119.4	121.7	128.6	120.3	108.9	106.3	116.3	323.9	649.3	70.0

POST EVACUATION(1) (Loop:4/6) SUMMARY 06/11/2015 15:44:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:29:50	0:05:52	20.5	20.6	29.8	35.2	47.5	117.9	118.6	118.0	117.2	118.7	118.4	118.3	121.1	128.1	128.5	120.2	106.4	107.1	116.3	324.0	649.3	67.1

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.6 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 115.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.2 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 128.5 MIN GAS TEMP: 106.4
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.4
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 120.2

POST N2 WASH(1) (Loop:5/6) 06/11/2015 15:44:52

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:29:50	0:00:00	20.5	20.6	29.8	35.2	47.5	117.9	118.6	118.0	117.2	118.7	118.4	118.3	121.1	128.1	128.5	120.2	106.4	107.1	116.3	324.0	649.3	67.1
15:31:50	0:02:00	23.2	23.3	29.8	38.4	50.0	119.3	119.8	119.4	118.6	120.0	119.8	119.9	119.0	122.7	128.5	120.1	112.2	105.2	116.3	323.9	649.4	74.6
15:33:51	0:04:00	25.9	26.0	29.8	38.9	49.9	119.8	120.3	119.8	119.2	120.4	120.1	120.4	120.3	124.1	128.3	119.8	114.6	103.3	116.3	324.0	649.3	76.1

POST N2 WASH(1) (Loop:5/6) SUMMARY 06/11/2015 15:50:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:50	0:05:59	28.5	28.6	29.8	39.3	50.3	120.0	120.4	120.0	119.4	120.6	120.3	120.6	121.1	128.0	128.3	119.7	114.9	101.8	116.3	324.0	649.4	74.6

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 128.6 MAX GAS TEMP: 114.9
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.4 MIN PRE TEMP: 128.3 MIN GAS TEMP: 106.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.7

POST EVACUATION(1) (Loop:5/6) 06/11/2015 15:50:51

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:35:50	0:00:00	28.5	28.6	29.8	39.3	50.3	120.0	120.4	120.0	119.4	120.6	120.3	120.6	121.1	128.0	128.3	119.7	114.9	101.8	116.3	324.0	649.4	74.6
15:37:50	0:02:00	25.8	25.9	29.8	36.1	47.8	118.6	119.2	118.7	118.0	119.3	119.0	119.0	119.0	121.8	128.2	119.6	111.6	104.8	116.3	323.9	649.3	62.5
15:39:50	0:04:00	23.0	23.2	29.8	34.8	46.6	118.2	118.8	118.3	117.6	118.9	118.6	118.6	120.7	125.7	128.2	119.6	108.6	106.3	116.3	323.9	649.4	56.5

POST EVACUATION(1) (Loop:5/6) SUMMARY 06/11/2015 15:56:43

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000144

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:41:42	0:05:52	20.5	20.6	29.8	33.9	45.7	117.9	118.6	118.1	117.2	118.7	118.4	118.3	119.4	123.9	128.0	119.5	106.2	106.9	116.3	323.9	649.4	55.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.4 MAX PRE TEMP: 128.3 MAX GAS TEMP: 114.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.4 MIN PRE TEMP: 128.0 MIN GAS TEMP: 106.2
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.5

POST N2 WASH(1) (Loop:6/6) 06/11/2015 15:56:43

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:41:42	0:00:00	20.5	20.6	29.8	33.9	45.7	117.9	118.6	118.1	117.2	118.7	118.4	118.3	119.4	123.9	128.0	119.5	106.2	106.9	116.3	323.9	649.4	55.0
15:43:42	0:02:00	23.2	23.3	29.8	36.1	47.0	119.3	119.8	119.4	118.7	120.1	119.8	120.0	120.0	123.4	127.9	119.3	111.6	105.1	116.2	323.9	649.4	62.5
15:45:42	0:04:00	25.9	26.0	29.8	37.1	47.6	119.8	120.3	119.9	119.2	120.5	120.2	120.5	121.1	127.7	127.7	119.2	114.0	103.2	116.2	324.0	649.3	64.1

POST N2 WASH(1) (Loop:6/6) SUMMARY 06/11/2015 16:02:37

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:47:35	0:05:53	28.5	28.6	29.8	37.1	47.4	120.0	120.4	120.0	119.4	120.6	120.4	120.7	119.2	123.1	127.5	119.1	114.3	101.7	116.2	324.0	649.4	62.5

START PRESS: 0020.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.4 MAX PRE TEMP: 128.1 MAX GAS TEMP: 114.4
END PRESS: 0028.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.4 MIN PRE TEMP: 127.5 MIN GAS TEMP: 105.9
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

POST EVACUATION(1) (Loop:6/6) 06/11/2015 16:02:37

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:47:36	0:00:00	28.5	28.6	29.8	37.1	47.4	120.0	120.4	120.0	119.4	120.6	120.4	120.7	119.2	123.1	127.5	119.1	114.3	101.7	116.2	324.0	649.4	62.5
15:49:36	0:02:00	25.8	25.9	29.8	34.8	46.0	118.6	119.2	118.7	118.1	119.3	119.0	119.1	120.6	125.3	127.5	122.4	111.4	104.7	116.6	324.0	649.4	53.5
15:51:36	0:04:00	23.1	23.2	29.8	33.4	44.7	118.2	118.8	118.3	117.6	118.9	118.6	118.6	120.5	127.1	127.5	122.4	108.4	106.1	116.6	323.9	649.4	49.0

POST EVACUATION(1) (Loop:6/6) SUMMARY 06/11/2015 16:08:31

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:53:29	0:05:51	20.5	20.6	29.8	32.5	43.7	118.1	118.7	118.2	117.4	118.7	118.4	118.4	120.0	123.5	127.4	122.3	106.0	106.9	116.6	323.9	649.3	46.0

START PRESS: 0028.5 MAX PRESS: 0028.5 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.4 MAX PRE TEMP: 127.5 MAX GAS TEMP: 114.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.4 MIN GAS TEMP: 106.0
PRESS CHANGE: 008.0 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.5
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.0

AIR BACKFILL(1) (Loop:1/12) 06/11/2015 16:08:31

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC
hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:53:29	0:00:00	20.5	20.6	29.8	32.5	43.7	118.1	118.7	118.2	117.4	118.7	118.4	118.4	120.0	123.5	127.4	122.3	106.0	106.9	116.6	323.9	649.3	46.0
15:55:29	0:02:00	23.3	23.4	29.8	34.8	45.3	119.2	119.9	119.6	118.2	120.1	119.9	119.3	121.1	128.1	127.2	122.2	104.0	105.0	116.6	324.0	649.3	53.5
15:57:29	0:04:00	25.9	26.0	29.8	35.7	46.1	119.6	120.3	120.0	118.4	120.4	120.3	119.6	119.2	123.7	127.1	122.1	102.4	103.0	116.5	323.9	649.3	55.0
15:59:29	0:06:00	28.7	28.9	29.8	36.6	47.0	119.8	120.6	120.2	118.6	120.7	120.5	119.7	119.9	123.1	127.0	122.0	101.0	101.5	116.6	323.9	649.4	53.5

AIR BACKFILL(1) (Loop:1/12) SUMMARY 06/11/2015 16:14:41

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000145

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
15:59:40	0:06:1	29.0	29.1	29.8	36.6	47.0	119.8	120.6	120.2	118.6	120.7	120.5	119.7	119.2	121.3	127.0	122.0	100.9	101.4	116.6	323.9	649.3	53.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.4 MAX GAS TEMP: 106.0
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 126.9 MIN GAS TEMP: 100.9
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.3
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 122.0

POST EVACUATION(2) (Loop:1/12) 06/11/2015 16:14:41

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
15:59:40	0:00:00	29.0	29.1	29.8	36.6	47.0	119.8	120.6	120.2	118.6	120.7	120.5	119.7	119.2	121.3	127.0	122.0	100.9	101.4	116.6	323.9	649.3	53.5
16:01:40	0:02:00	26.2	26.3	29.8	34.3	45.5	118.6	119.3	118.8	117.8	119.4	119.1	118.9	121.1	126.9	126.9	121.9	99.8	104.6	116.6	323.9	649.3	46.0
16:03:40	0:04:00	23.5	23.6	29.8	33.0	44.1	118.2	118.8	118.4	117.5	119.0	118.7	118.6	119.4	124.1	126.8	121.8	98.9	106.0	116.6	324.0	649.3	41.5
16:05:40	0:06:00	20.8	20.9	29.8	32.5	43.8	118.0	118.6	118.2	117.2	118.8	118.5	118.3	120.3	124.6	126.7	121.7	98.2	106.9	116.6	323.9	649.3	40.0

POST EVACUATION(2) (Loop:1/12) SUMMARY 06/11/2015 16:20:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:05:52	0:06:12	20.5	20.6	29.8	32.1	43.2	117.9	118.6	118.1	117.2	118.7	118.5	118.3	119.6	122.4	126.6	121.7	98.1	106.9	116.5	323.9	649.3	40.0

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.0 MAX GAS TEMP: 100.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.6 MIN GAS TEMP: 098.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.7

AIR BACKFILL(1) (Loop:2/12) 06/11/2015 16:20:53

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:05:52	0:00:00	20.5	20.6	29.8	32.1	43.2	117.9	118.6	118.1	117.2	118.7	118.5	118.3	119.6	122.4	126.6	121.7	98.1	106.9	116.5	323.9	649.3	40.0
16:07:52	0:02:00	23.3	23.4	29.8	34.3	44.8	119.2	119.9	119.6	118.0	120.1	120.0	119.2	121.1	127.5	126.6	121.7	97.6	105.1	116.5	323.9	649.4	46.0
16:09:52	0:04:00	26.0	26.1	29.8	35.2	45.6	119.5	120.3	120.0	118.3	120.5	120.4	119.5	119.8	125.5	126.6	121.5	97.0	103.0	116.5	324.0	649.3	47.5
16:11:52	0:06:00	28.7	28.8	29.8	35.7	45.9	119.7	120.6	120.2	118.5	120.7	120.6	119.7	119.6	122.1	126.4	121.4	96.5	101.5	116.5	323.9	649.3	46.0

AIR BACKFILL(1) (Loop:2/12) SUMMARY 06/11/2015 16:27:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:04	0:06:12	29.0	29.1	29.8	35.7	45.9	119.7	120.6	120.2	118.5	120.7	120.6	119.7	119.0	122.4	126.4	121.4	96.5	101.4	116.5	323.9	649.4	46.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.7 MAX GAS TEMP: 098.1
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.2 DRM1 END: 323.9 DRM2 END: 649.4 MIN PRE TEMP: 126.4 MIN GAS TEMP: 096.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: -000.1 MAX VAP TEMP: 121.7
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 121.4

POST EVACUATION(2) (Loop:2/12) 06/11/2015 16:27:05

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:12:04	0:00:00	29.0	29.1	29.8	35.7	45.9	119.7	120.6	120.2	118.5	120.7	120.6	119.7	119.0	122.4	126.4	121.4	96.5	101.4	116.5	323.9	649.4	46.0
16:14:04	0:02:00	26.3	26.4	29.8	33.4	44.3	118.6	119.3	118.8	117.8	119.4	119.1	118.9	120.8	125.6	126.3	121.4	96.2	104.6	116.5	323.9	649.3	40.0
16:16:04	0:04:00	23.5	23.6	29.8	32.5	43.4	118.3	118.8	118.5	117.5	119.0	118.8	118.6	120.1	126.3	126.2	121.3	95.9	106.1	116.5	323.9	649.3	37.0
16:18:05	0:06:00	20.8	20.9	29.8	31.6	42.5	118.0	118.7	118.3	117.2	118.8	118.5	118.3	120.0	123.2	126.2	121.2	95.6	107.0	116.5	323.9	649.3	35.4

POST EVACUATION(2) (Loop:2/12) SUMMARY 06/11/2015 16:33:20

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000146

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:19	0:06:44	20.5	20.6	29.8	31.6	42.5	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.2	121.4	126.2	121.2	95.5	107.0	116.5	323.9	649.3	35.5

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.7 DRM1 START: 323.9 DRM2 START: 649.4 MAX PRE TEMP: 126.5 MAX GAS TEMP: 096.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.1 MIN GAS TEMP: 095.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.1

AIR BACKFILL(1) (Loop:3/12) 06/11/2015 16:33:20

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:18:19	0:00:00	20.5	20.6	29.8	31.6	42.5	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.2	121.4	126.2	121.2	95.5	107.0	116.5	323.9	649.3	35.5
16:20:19	0:02:00	23.3	23.4	29.8	33.4	43.5	119.3	120.1	119.8	118.1	120.2	120.0	119.3	120.6	125.4	126.1	121.1	95.3	105.2	116.5	323.9	649.3	40.0
16:22:19	0:04:00	26.0	26.1	29.8	34.3	44.3	119.6	120.3	120.1	118.3	120.6	120.5	119.6	120.7	127.8	126.1	121.0	95.0	103.2	116.5	323.9	649.3	41.5
16:24:19	0:06:00	28.7	28.8	29.8	35.3	45.3	119.8	120.6	120.3	118.5	120.7	120.6	119.6	119.0	121.3	125.9	121.0	94.8	101.7	116.5	323.9	649.3	40.0

AIR BACKFILL(1) (Loop:3/12) SUMMARY 06/11/2015 16:39:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:30	0:06:11	29.0	29.1	29.8	35.2	45.3	119.8	120.6	120.3	118.5	120.7	120.6	119.6	119.6	124.4	125.9	121.0	94.8	101.5	116.5	324.0	649.3	39.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.2 MAX GAS TEMP: 095.5
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 125.9 MIN GAS TEMP: 094.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.9

POST EVACUATION(2) (Loop:3/12) 06/11/2015 16:39:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:24:30	0:00:00	29.0	29.1	29.8	35.2	45.3	119.8	120.6	120.3	118.5	120.7	120.6	119.6	119.6	124.4	125.9	121.0	94.8	101.5	116.5	324.0	649.3	39.9
16:26:30	0:02:00	26.3	26.4	29.8	33.0	43.7	118.6	119.3	118.8	117.8	119.4	119.1	118.9	120.3	124.2	125.8	120.8	94.6	104.6	116.4	323.9	649.4	35.5
16:28:30	0:04:00	23.5	23.6	29.8	31.6	42.3	118.2	118.8	118.4	117.4	119.0	118.8	118.6	120.8	127.7	125.7	120.8	94.5	106.1	116.4	324.0	649.3	32.4
16:30:30	0:06:00	20.8	20.9	29.8	31.1	41.8	118.1	118.8	118.3	117.3	118.8	118.6	118.4	119.6	122.3	125.7	120.7	94.3	106.9	116.5	324.0	649.3	30.9

POST EVACUATION(2) (Loop:3/12) SUMMARY 06/11/2015 16:45:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:42	0:06:13	20.5	20.6	29.8	31.1	41.8	118.0	118.7	118.3	117.2	118.8	118.5	118.4	119.2	121.7	125.6	120.7	94.3	107.0	116.5	323.9	649.3	30.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.7 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 126.0 MAX GAS TEMP: 094.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.6 MIN GAS TEMP: 094.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.0
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.7

AIR BACKFILL(1) (Loop:4/12) 06/11/2015 16:45:44

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:30:42	0:00:00	20.5	20.6	29.8	31.1	41.8	118.0	118.7	118.3	117.2	118.8	118.5	118.4	119.2	121.7	125.6	120.7	94.3	107.0	116.5	323.9	649.3	30.9
16:32:42	0:02:00	23.3	23.4	29.8	33.0	42.9	119.3	120.1	119.7	118.1	120.1	120.0	119.2	120.6	125.2	125.5	120.6	94.2	105.1	116.4	323.9	649.3	35.5
16:34:43	0:04:00	26.0	26.1	29.8	33.9	43.8	119.5	120.3	120.0	118.3	120.6	120.4	119.5	120.7	127.9	125.4	120.5	94.0	103.2	116.4	323.9	649.3	36.9

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16:36:43	0:06:00	28.6	28.8	29.8	34.3	44.1	119.8	120.6	120.3	118.5	120.8	120.6	119.6	118.9	122.1	125.3	120.4	93.8	101.6	116.3	323.9	649.3	35.4

AIR BACKFILL(1) (Loop:4/12) SUMMARY 06/11/2015 16:51:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:56	0:06:13	29.0	29.1	29.8	34.3	44.1	119.8	120.6	120.3	118.5	120.8	120.6	119.6	119.9	126.0	125.2	120.5	93.8	101.4	116.3	324.0	649.3	35.5

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.7 MAX GAS TEMP: 094.3
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 324.0 DRM2 END: 649.3 MIN PRE TEMP: 125.2 MIN GAS TEMP: 093.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.7
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.4

POST EVACUATION(2) (Loop:4/12) 06/11/2015 16:51:57

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:36:56	0:00:00	29.0	29.1	29.8	34.3	44.1	119.8	120.6	120.3	118.5	120.8	120.6	119.6	119.9	126.0	125.2	120.5	93.8	101.4	116.3	324.0	649.3	35.5
16:38:56	0:02:00	26.3	26.4	29.8	32.5	43.0	118.6	119.3	118.9	117.8	119.4	119.2	118.9	119.8	122.9	125.3	120.3	93.7	104.6	116.3	323.9	649.3	31.0
16:40:56	0:04:00	23.5	23.6	29.8	31.6	42.2	118.3	118.8	118.5	117.5	119.0	118.8	118.6	121.1	128.1	125.1	120.2	93.6	106.0	116.3	323.9	649.3	27.9
16:42:56	0:06:00	20.8	20.9	29.8	30.3	40.6	118.1	118.7	118.3	117.3	118.8	118.7	118.3	119.2	121.8	125.1	120.2	93.5	106.8	116.3	323.9	649.3	28.0

POST EVACUATION(2) (Loop:4/12) SUMMARY 06/11/2015 16:58:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:10	0:06:13	20.5	20.6	29.8	30.2	40.6	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.8	125.8	125.1	120.1	93.4	106.8	116.3	323.9	649.3	28.0

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.8 DRM1 START: 324.0 DRM2 START: 649.3 MAX PRE TEMP: 125.3 MAX GAS TEMP: 093.9
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.1 MIN GAS TEMP: 093.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.1

AIR BACKFILL(1) (Loop:5/12) 06/11/2015 16:58:12

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:43:10	0:00:00	20.5	20.6	29.8	30.2	40.6	118.0	118.7	118.3	117.2	118.8	118.6	118.3	119.8	125.8	125.1	120.1	93.4	106.8	116.3	323.9	649.3	28.0
16:45:10	0:02:00	23.3	23.4	29.8	32.5	42.3	119.3	120.1	119.8	118.1	120.2	120.0	119.2	119.4	121.9	124.9	120.1	93.3	105.0	116.2	323.9	649.3	30.9
16:47:10	0:04:00	26.0	26.1	29.8	33.4	43.1	119.7	120.4	120.2	118.4	120.6	120.5	119.6	121.0	126.6	124.8	120.1	93.3	102.9	116.2	323.9	649.3	32.5
16:49:11	0:06:00	28.6	28.8	29.8	33.9	43.5	119.8	120.6	120.3	118.5	120.7	120.6	119.6	120.3	127.0	124.7	119.8	93.1	101.4	116.2	323.9	649.3	31.0

AIR BACKFILL(1) (Loop:5/12) SUMMARY 06/11/2015 17:04:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:23	0:06:12	29.0	29.1	29.8	34.3	44.0	119.8	120.6	120.4	118.5	120.8	120.6	119.6	121.1	128.0	124.7	119.8	93.2	101.2	116.1	323.9	649.3	30.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.1 MAX GAS TEMP: 093.5
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.7 MIN GAS TEMP: 093.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:5/12) 06/11/2015 17:04:24

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:49:23	0:06:00	29.0	29.1	29.8	34.3	44.0	119.8	120.6	120.4	118.5	120.8	120.6	119.6	121.1	128.0	124.7	119.8	93.2	101.2	116.1	323.9	649.3	30.9

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000148

16:51:23	0:02:00	26.3	26.4	29.8	32.0	42.4	118.6	119.3	118.9	117.8	119.4	119.1	118.8	119.2	122.5	124.6	119.8	93.1	104.4	116.2	323.9	649.3	27.9
16:53:23	0:04:00	23.5	23.6	29.8	30.7	40.9	118.3	118.9	118.6	117.5	119.1	118.9	118.6	120.5	125.2	124.6	119.8	92.9	105.8	116.1	324.0	649.3	25.0
16:55:23	0:06:00	20.8	20.9	29.8	29.8	40.0	118.0	118.7	118.3	117.2	118.8	118.6	118.3	120.3	126.6	124.5	119.7	92.9	106.6	116.1	323.9	649.3	23.4

POST EVACUATION(2) (Loop:5/12) SUMMARY 06/11/2015 17:10:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:37	0:06:14	20.5	20.6	29.8	29.8	40.0	118.1	118.7	118.3	117.3	118.8	118.6	118.3	121.1	128.1	124.4	119.6	92.8	106.6	116.1	323.9	649.3	23.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.8 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 124.7 MAX GAS TEMP: 093.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.4 MIN GAS TEMP: 092.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.6

AIR BACKFILL(1) (Loop:6/12) 06/11/2015 17:10:38

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
16:55:37	0:00:00	20.5	20.6	29.8	29.8	40.0	118.1	118.7	118.3	117.3	118.8	118.6	118.3	121.1	128.1	124.4	119.6	92.8	106.6	116.1	323.9	649.3	23.4
16:57:37	0:02:00	23.2	23.4	29.8	32.0	41.7	119.2	120.1	119.7	118.0	120.2	120.1	119.3	119.2	123.6	124.3	119.6	92.7	104.7	116.0	323.9	649.3	27.9
16:59:37	0:04:00	25.9	26.0	29.8	33.0	42.5	119.7	120.4	120.2	118.4	120.6	120.5	119.5	119.9	123.4	124.2	119.5	92.7	102.7	116.0	323.9	649.3	27.9
17:01:37	0:06:00	28.7	28.8	29.8	33.4	42.9	119.8	120.6	120.3	118.5	120.8	120.7	119.7	121.1	127.7	124.1	119.5	92.7	101.1	115.9	324.0	649.3	28.0

AIR BACKFILL(1) (Loop:6/12) SUMMARY 06/11/2015 17:16:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:53	0:06:16	29.0	29.1	29.8	33.4	42.8	119.9	120.6	120.4	118.6	120.9	120.7	119.7	120.3	124.4	124.2	119.3	92.6	100.9	115.9	323.9	649.3	28.0

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 124.5 MAX GAS TEMP: 092.8
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.1 MIN GAS TEMP: 092.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.7
EO USED PHASE: 000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.3

POST EVACUATION(2) (Loop:6/12) 06/11/2015 17:16:54

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:01:53	0:00:00	29.0	29.1	29.8	33.4	42.8	119.9	120.6	120.4	118.6	120.9	120.7	119.7	120.3	124.4	124.2	119.3	92.6	100.9	115.9	323.9	649.3	28.0
17:03:53	0:02:00	26.2	26.3	29.8	31.6	41.8	118.6	119.3	118.9	117.8	119.4	119.2	118.9	120.8	127.9	129.2	119.3	92.5	104.2	116.0	323.9	649.3	23.4
17:05:53	0:04:00	23.5	23.6	29.8	30.3	40.3	118.4	118.9	118.6	117.6	119.1	118.9	118.6	119.3	121.6	128.9	119.2	92.4	105.8	115.9	323.9	649.3	21.9
17:07:53	0:06:00	20.8	20.9	29.8	29.3	39.3	118.1	118.8	118.4	117.3	118.9	118.7	118.4	121.0	127.1	128.9	119.2	92.4	106.5	115.8	323.9	649.3	21.9

POST EVACUATION(2) (Loop:6/12) SUMMARY 06/11/2015 17:23:07

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:08:06	0:06:13	20.5	20.6	29.8	29.3	39.4	118.0	118.7	118.3	117.2	118.8	118.7	118.4	120.3	124.6	128.9	119.2	92.4	106.6	115.9	323.9	649.3	21.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.2 MAX GAS TEMP: 092.6
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.0 MIN GAS TEMP: 092.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.2

AIR BACKFILL(1) (Loop:7/12) 06/11/2015 17:23:07

CYCLE TIME	PHASE TIME	PX-1 PRESS	PX-2 PRESS	PX-4 PRESS	CH HUMID	CALC. HUMID	AVG. TEMP	CH1 TEMP	CH2 TEMP	CH3 TEMP	CH1A TEMP	CH2A TEMP	CH3A TEMP	JR TEMP	JS TEMP	PRHTR TEMP	VAP TEMP	GAS TEMP	MNFLD TEMP	MNTR TEMP	EO DRM1	EO DRM2	GAS CONC

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000149

hh:mm:ss	hh:mm:ss	(''HgA)	(''HgA)	(''HgA)	(mg/l)	(%RH)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(Lbs.)	(Lbs.)	(mg/l)
17:08:06	0:00:00	20.5	20.6	29.8	29.3	39.4	118.0	118.7	118.3	117.2	118.8	118.7	118.4	120.3	124.6	128.9	119.2	92.4	106.6	115.9	323.9	649.3	21.9
17:10:06	0:02:00	23.3	23.4	29.8	31.6	41.1	119.3	120.1	119.8	118.1	120.3	120.2	119.3	120.9	128.0	128.9	119.1	92.3	104.7	115.9	323.9	649.3	23.4
17:12:06	0:04:00	25.9	26.0	29.8	32.5	41.9	119.7	120.4	120.2	118.4	120.7	120.6	119.6	118.9	122.6	128.8	119.0	92.2	102.5	115.8	323.9	649.3	24.9
17:14:06	0:06:00	28.7	28.8	29.8	33.0	42.2	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.1	124.0	128.8	119.0	92.2	101.0	115.8	323.9	649.3	25.0

AIR BACKFILL(1) (Loop:7/12) SUMMARY 06/11/2015 17:29:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:14:21	0:06:15	29.0	29.1	29.8	33.0	42.2	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	121.3	128.8	118.8	92.1	100.8	115.8	323.9	649.3	24.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 129.1 MAX GAS TEMP: 092.4
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.7 MIN GAS TEMP: 092.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 118.8

POST EVACUATION(2) (Loop:7/12) 06/11/2015 17:29:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:14:21	0:00:00	29.0	29.1	29.8	33.0	42.2	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	121.3	128.8	118.8	92.1	100.8	115.8	323.9	649.3	24.9
17:16:21	0:02:00	26.3	26.4	29.8	30.7	40.5	118.7	119.4	119.0	117.9	119.5	119.3	119.0	120.9	126.6	128.6	122.3	92.0	103.9	116.1	323.9	649.3	22.0
17:18:22	0:04:00	23.5	23.6	29.8	29.8	39.6	118.4	119.1	118.7	117.6	119.1	119.0	118.7	119.8	125.2	128.6	122.3	92.0	105.6	116.2	323.9	649.3	18.9
17:20:22	0:06:00	20.8	20.9	29.8	29.3	39.3	118.2	118.8	118.4	117.4	118.9	118.8	118.5	120.1	123.7	128.6	122.2	92.0	106.4	116.2	323.9	649.3	18.9

POST EVACUATION(2) (Loop:7/12) SUMMARY 06/11/2015 17:35:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:20:36	0:06:14	20.5	20.6	29.8	29.3	39.4	118.1	118.7	118.3	117.3	118.9	118.7	118.4	119.3	121.4	128.6	122.2	92.0	106.4	116.2	323.9	649.3	18.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.8 MAX GAS TEMP: 092.2
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.5 MIN GAS TEMP: 091.9
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 118.8

AIR BACKFILL(1) (Loop:8/12) 06/11/2015 17:35:37

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:20:36	0:00:00	20.5	20.6	29.8	29.3	39.4	118.1	118.7	118.3	117.3	118.9	118.7	118.4	119.3	121.4	128.6	122.2	92.0	106.4	116.2	323.9	649.3	18.9
17:22:36	0:02:00	23.3	23.4	29.8	31.2	40.4	119.4	120.2	119.9	118.2	120.4	120.3	119.3	120.7	125.9	128.5	122.1	91.9	104.4	116.2	323.9	649.3	21.9
17:24:36	0:04:00	25.9	26.0	29.8	32.1	41.2	119.8	120.6	120.3	118.5	120.7	120.6	119.6	120.5	127.5	128.4	122.0	91.8	102.4	116.1	323.9	649.3	21.9
17:26:36	0:06:00	28.7	28.9	29.8	32.5	41.6	119.9	120.8	120.4	118.6	120.9	120.8	119.8	118.9	121.9	128.2	122.0	91.8	100.7	116.1	323.9	649.3	21.9

AIR BACKFILL(1) (Loop:8/12) SUMMARY 06/11/2015 17:41:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:26:46	0:06:11	29.0	29.1	29.8	32.5	41.6	119.9	120.8	120.4	118.6	120.9	120.8	119.8	119.6	124.9	128.2	121.9	91.8	100.6	116.1	323.9	649.3	21.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.6 MAX GAS TEMP: 092.0
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 128.2 MIN GAS TEMP: 091.7
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.2
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.9

POST EVACUATION(2) (Loop:8/12) 06/11/2015 17:41:48

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000150

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:26:46	0:00:00	29.0	29.1	29.8	32.5	41.6	119.9	120.8	120.4	118.6	120.9	120.8	119.8	119.6	124.9	128.2	121.9	91.8	100.6	116.1	323.9	649.3	21.9
17:28:46	0:02:00	26.2	26.4	29.8	30.3	39.8	118.8	119.4	119.0	118.0	119.5	119.3	119.0	120.3	124.0	128.1	121.8	91.7	103.8	116.1	323.9	649.3	18.9
17:30:46	0:04:00	23.5	23.6	29.8	29.3	39.0	118.5	119.1	118.7	117.7	119.2	119.0	118.7	120.9	128.0	128.0	121.8	91.7	105.4	116.0	323.9	649.3	17.4
17:32:46	0:06:00	20.8	20.9	29.8	28.4	38.1	118.2	118.8	118.4	117.4	118.9	118.7	118.4	119.2	121.4	127.8	121.7	91.6	106.2	116.0	323.9	649.3	15.9

POST EVACUATION(2) (Loop:8/12) SUMMARY 06/11/2015 17:48:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:33:01	0:06:14	20.5	20.6	29.8	28.4	38.1	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.6	124.7	127.8	121.7	91.6	106.3	116.0	323.9	649.3	15.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 128.3 MAX GAS TEMP: 091.8
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.8 MIN GAS TEMP: 091.5
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 122.0
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.6

AIR BACKFILL(1) (Loop:9/12) 06/11/2015 17:48:02

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:33:01	0:00:00	20.5	20.6	29.8	28.4	38.1	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.6	124.7	127.8	121.7	91.6	106.3	116.0	323.9	649.3	15.9
17:35:01	0:02:00	23.3	23.4	29.8	30.2	39.2	119.4	120.2	120.0	118.2	120.3	120.3	119.3	119.6	122.3	127.7	121.6	91.5	104.2	115.9	323.9	649.3	18.9
17:37:01	0:04:00	26.0	26.1	29.8	31.6	40.7	119.7	120.6	120.3	118.4	120.7	120.7	119.6	120.9	126.8	127.7	121.5	91.5	102.1	115.9	323.9	649.3	20.5
17:39:01	0:06:00	28.6	28.8	29.8	32.1	41.0	119.9	120.6	120.4	118.6	120.9	120.8	119.7	120.3	126.9	127.5	121.4	91.4	100.4	115.9	323.9	649.3	20.4

AIR BACKFILL(1) (Loop:9/12) SUMMARY 06/11/2015 17:54:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:39:14	0:06:13	29.0	29.1	29.8	32.1	41.0	119.9	120.8	120.4	118.6	120.9	120.9	119.8	121.1	128.0	127.6	121.4	91.4	100.3	115.9	323.9	649.3	20.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.9 MAX GAS TEMP: 091.6
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.5 MIN GAS TEMP: 091.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.7
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.3

POST EVACUATION(2) (Loop:9/12) 06/11/2015 17:54:16

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:39:14	0:00:00	29.0	29.1	29.8	32.1	41.0	119.9	120.8	120.4	118.6	120.9	120.9	119.8	121.1	128.0	127.6	121.4	91.4	100.3	115.9	323.9	649.3	20.4
17:41:14	0:02:00	26.2	26.4	29.8	30.2	39.8	118.8	119.4	119.1	118.0	119.5	119.3	119.0	119.2	122.9	127.4	121.3	91.4	103.5	115.9	323.9	649.3	15.9
17:43:14	0:04:00	23.5	23.6	29.8	29.3	39.1	118.3	118.9	118.6	117.5	119.1	119.0	118.6	120.5	125.2	127.4	121.2	91.2	105.2	115.8	323.9	649.3	14.4
17:45:14	0:06:00	20.8	20.9	29.8	28.4	38.2	118.1	118.7	118.4	117.3	118.9	118.7	118.4	120.4	127.2	127.3	121.0	91.1	106.1	115.9	323.9	649.3	14.4

POST EVACUATION(2) (Loop:9/12) SUMMARY 06/11/2015 18:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:45:28	0:06:14	20.5	20.6	29.8	28.4	38.1	118.1	118.7	118.4	117.3	118.8	118.7	118.4	121.1	127.9	127.2	121.0	91.1	106.1	115.8	323.9	649.3	14.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.6 MAX GAS TEMP: 091.4
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 127.2 MIN GAS TEMP: 091.1
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.4
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 121.0

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AIR BACKFILL(1) (Loop:10/12) 06/11/2015 18:00:30

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:45:28	0:00:00	20.5	20.6	29.8	28.4	38.1	118.1	118.7	118.4	117.3	118.8	118.7	118.4	121.1	127.9	127.2	121.0	91.1	106.1	115.8	323.9	649.3	14.4
17:47:28	0:02:00	23.2	23.4	29.8	30.3	39.3	119.4	120.2	119.9	118.1	120.3	120.3	119.3	119.6	124.6	127.2	121.0	91.2	104.1	115.8	323.9	649.3	17.4
17:49:28	0:04:00	25.9	26.0	29.8	31.2	40.1	119.7	120.4	120.2	118.4	120.7	120.6	119.6	119.6	122.5	127.0	120.9	91.0	101.9	115.7	323.9	649.3	17.4
17:51:28	0:06:00	28.7	28.9	29.8	31.6	40.5	119.8	120.6	120.4	118.5	120.9	120.7	119.7	121.0	127.0	127.0	120.8	91.0	100.2	115.7	323.9	649.3	17.4

AIR BACKFILL(1) (Loop:10/12) SUMMARY 06/11/2015 18:06:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:51:43	0:06:15	29.0	29.1	29.8	31.6	40.4	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.0	123.8	127.0	120.8	91.0	100.1	115.7	323.9	649.3	17.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.4 MAX GAS TEMP: 091.2
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.9 MIN GAS TEMP: 090.9
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 121.1
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.8

POST EVACUATION(2) (Loop:10/12) 06/11/2015 18:06:45

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:51:43	0:00:00	29.0	29.1	29.8	31.6	40.4	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.0	123.8	127.0	120.8	91.0	100.1	115.7	323.9	649.3	17.4
17:53:43	0:02:00	26.3	26.4	29.8	29.8	39.3	118.7	119.4	119.0	117.9	119.5	119.3	119.0	121.1	128.1	127.0	120.8	90.9	103.4	115.6	323.9	649.3	14.4
17:55:43	0:04:00	23.5	23.7	29.8	28.9	38.4	118.4	119.1	118.7	117.6	119.2	119.0	118.7	119.2	122.1	126.8	120.7	90.9	105.2	115.6	323.9	649.3	14.4
17:57:43	0:06:00	20.8	20.9	29.8	28.0	37.5	118.2	118.8	118.5	117.3	118.9	118.8	118.5	120.6	125.3	126.7	120.5	90.8	106.0	115.6	323.9	649.3	12.8

POST EVACUATION(2) (Loop:10/12) SUMMARY 06/11/2015 18:12:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:55	0:06:15	20.5	20.6	29.8	28.0	37.5	118.1	118.8	118.4	117.3	118.9	118.7	118.4	119.9	123.1	126.7	120.6	90.8	106.1	115.6	323.9	649.3	12.9

START PRESS: 0029.0 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 127.1 MAX GAS TEMP: 091.0
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.6 MIN GAS TEMP: 090.8
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.9
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.5

AIR BACKFILL(1) (Loop:11/12) 06/11/2015 18:12:55

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
17:57:55	0:00:00	20.5	20.6	29.8	28.0	37.5	118.1	118.8	118.4	117.3	118.9	118.7	118.4	119.9	123.1	126.7	120.6	90.8	106.1	115.6	323.9	649.3	12.9
17:59:55	0:02:00	23.2	23.4	29.8	29.8	38.7	119.4	120.2	119.9	118.1	120.3	120.2	119.3	121.0	127.5	126.6	120.5	90.8	103.9	115.5	323.9	649.3	14.4
18:01:55	0:04:00	25.9	26.0	29.8	30.8	39.7	119.7	120.6	120.3	118.3	120.7	120.6	119.5	119.8	125.5	126.7	120.4	90.7	101.8	115.5	323.9	649.3	16.0
18:03:55	0:06:00	28.6	28.8	29.8	31.6	40.4	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.3	121.8	126.5	120.3	90.7	100.2	115.5	323.9	649.3	15.9

AIR BACKFILL(1) (Loop:11/12) SUMMARY 06/11/2015 18:19:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:04:08	0:06:14	29.0	29.1	29.8	31.6	40.5	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	123.6	126.5	120.3	90.7	100.0	115.5	323.9	649.3	15.9

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.8 MAX GAS TEMP: 090.9
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.5 MIN GAS TEMP: 090.7

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PRESS CHANGE: 008.5

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.6
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.2

POST EVACUATION(2) (Loop:11/12) 06/11/2015 18:19:09

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:04:08	0:00:00	29.0	29.1	29.8	31.6	40.5	119.9	120.8	120.4	118.6	120.9	120.8	119.7	119.2	123.6	126.5	120.3	90.7	100.0	115.5	323.9	649.3	15.9
18:06:09	0:02:00	26.3	26.4	29.8	29.4	38.7	118.8	119.4	119.1	117.9	119.4	119.3	118.9	120.3	124.4	126.3	120.2	90.6	103.4	115.4	323.9	649.3	12.9
18:08:09	0:04:00	23.5	23.6	29.8	28.4	37.9	118.3	118.9	118.6	117.5	119.1	119.0	118.7	120.8	128.0	126.3	120.1	90.6	105.1	115.4	323.9	649.3	11.4
18:10:09	0:06:00	20.8	20.9	29.8	27.5	36.8	118.2	118.8	118.5	117.4	118.9	118.8	118.4	119.2	121.3	126.2	120.1	90.6	106.0	115.4	323.9	649.3	11.4

POST EVACUATION(2) (Loop:11/12) SUMMARY 06/11/2015 18:25:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:10:22	0:06:13	20.5	20.6	29.8	27.5	36.9	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.3	124.2	126.3	120.0	90.5	106.1	115.4	323.9	649.3	11.4

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.5 MAX GAS TEMP: 090.7
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 126.2 MIN GAS TEMP: 090.5
PRESS CHANGE: 008.5

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.3
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 120.0

AIR BACKFILL(1) (Loop:12/12) 06/11/2015 18:25:23

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:10:22	0:00:00	20.5	20.6	29.8	27.5	36.9	118.1	118.8	118.4	117.3	118.9	118.8	118.4	119.3	124.2	126.3	120.0	90.5	106.1	115.4	323.9	649.3	11.4
18:12:22	0:02:00	23.3	23.5	29.8	29.3	38.0	119.4	120.2	120.0	118.1	120.4	120.2	119.3	119.6	122.6	126.2	119.8	90.5	104.1	115.4	323.9	649.3	14.4
18:14:22	0:04:00	26.0	26.1	29.9	30.3	39.0	119.7	120.4	120.2	118.4	120.7	120.6	119.6	120.9	126.7	126.0	119.8	90.5	101.9	115.3	323.9	649.3	14.4
18:16:22	0:06:00	28.6	28.8	29.8	31.2	39.8	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.3	127.1	125.8	119.8	90.5	100.1	115.2	323.9	649.3	14.4

AIR BACKFILL(1) (Loop:12/12) SUMMARY 06/11/2015 18:31:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:16:35	0:06:13	29.0	29.1	29.9	31.1	39.8	120.0	120.8	120.6	118.6	120.9	120.9	119.7	121.1	127.9	125.8	119.8	90.5	99.9	115.3	323.9	649.3	14.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 121.0 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 126.3 MAX GAS TEMP: 090.6
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.8 MIN GAS TEMP: 090.5
PRESS CHANGE: 008.5

ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 120.1
EO USED PHASE: -000.1 EO USED CYCLE:020.4 MIN VAP TEMP: 119.8

POST EVACUATION(2) (Loop:12/12) 06/11/2015 18:31:36

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:16:35	0:00:00	29.0	29.1	29.9	31.1	39.8	120.0	120.8	120.6	118.6	120.9	120.9	119.7	121.1	127.9	125.8	119.8	90.5	99.9	115.3	323.9	649.3	14.4
18:18:35	0:02:00	26.3	26.4	29.9	29.3	38.7	118.7	119.4	119.1	117.8	119.5	119.3	119.0	119.3	124.0	125.7	119.6	90.5	103.4	115.2	323.9	649.3	11.4
18:20:35	0:04:00	23.5	23.7	29.9	28.4	37.8	118.4	119.1	118.7	117.6	119.2	119.0	118.7	120.3	124.4	125.7	119.6	90.5	105.0	115.2	323.9	649.3	11.4
18:22:35	0:06:00	20.8	21.0	29.9	27.5	36.9	118.2	118.8	118.5	117.3	118.9	118.7	118.4	120.9	128.0	125.5	119.5	90.4	105.9	115.2	323.9	649.3	9.9

POST EVACUATION(2) (Loop:12/12) SUMMARY 06/11/2015 18:37:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:22:47	0:06:12	20.5	20.6	29.9	27.5	36.9	118.2	118.8	118.5	117.3	118.9	118.8	118.4	121.1	127.2	125.5	119.5	90.4	106.0	115.2	323.9	649.3	9.9

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000153

START PRESS: 0029.0 MAX PRESS: 0029.1 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.9 MAX GAS TEMP: 090.5
END PRESS: 0020.5 MIN PRESS: 0020.5 MIN TEMP: 118.4 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.5 MIN GAS TEMP: 090.4
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.8
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.5

AIR BACKFILL(2) 06/11/2015 18:37:48

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:22:47	0:00:00	20.5	20.6	29.9	27.5	36.9	118.2	118.8	118.5	117.3	118.9	118.8	118.4	121.1	127.2	125.5	119.5	90.4	106.0	115.2	323.9	649.3	9.9
18:23:47	0:01:00	21.8	22.0	29.9	28.5	37.4	118.9	119.7	119.4	117.8	119.9	119.8	118.9	120.7	127.8	125.4	119.5	90.4	105.1	115.1	323.9	649.3	11.4
18:24:47	0:02:00	23.2	23.3	29.9	29.4	38.1	119.4	120.2	119.9	118.1	120.3	120.2	119.3	119.8	125.8	125.3	119.3	90.4	103.8	115.1	323.9	649.3	12.9
18:25:47	0:03:00	24.5	24.7	29.9	29.8	38.4	119.6	120.4	120.2	118.3	120.6	120.5	119.5	119.0	122.9	125.4	119.3	90.4	102.7	115.1	323.9	649.3	11.4
18:26:47	0:04:00	25.9	26.0	29.9	30.2	38.9	119.7	120.6	120.3	118.4	120.7	120.7	119.6	119.2	121.6	125.3	119.3	90.3	101.7	115.1	323.9	649.3	12.9
18:27:48	0:05:01	27.4	27.5	29.9	30.7	39.4	119.8	120.6	120.4	118.4	120.8	120.7	119.7	119.8	123.2	125.3	119.3	90.3	100.8	115.1	323.9	649.3	12.9
18:28:48	0:06:01	28.6	28.8	29.9	31.1	39.8	119.9	120.8	120.4	118.6	120.9	120.8	119.7	120.6	125.4	125.2	119.3	90.4	100.0	115.1	323.9	649.3	11.3

AIR BACKFILL(2) SUMMARY 06/11/2015 18:44:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:29:00	0:06:18	29.0	29.1	29.9	31.2	39.9	119.9	120.8	120.4	118.5	120.9	120.8	119.7	119.8	122.8	125.2	119.3	90.4	99.9	115.1	323.9	649.3	11.4

START PRESS: 0020.5 MAX PRESS: 0029.0 MAX TEMP: 120.9 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.5 MAX GAS TEMP: 090.5
END PRESS: 0029.0 MIN PRESS: 0020.5 MIN TEMP: 118.3 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 125.2 MIN GAS TEMP: 090.3
PRESS CHANGE: 008.5 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.5
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 119.2

END OF CYCLE 06/11/2015 18:44:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:29:00	0:00:00	29.0	29.1	29.9	31.2	39.9	119.9	120.8	120.4	118.5	120.9	120.8	119.7	119.8	122.8	125.2	119.3	90.4	99.9	115.1	323.9	649.3	11.4

DRUM 1 EMPTY ALARM RESET 06/11/2015 18:44:01

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:29:00	0:00:00	29.0	29.1	29.9	31.2	39.9	119.9	120.8	120.4	118.5	120.9	120.8	119.7	119.8	122.8	125.2	119.3	90.4	99.9	115.1	323.9	649.3	11.4
18:30:00	0:01:00	29.0	29.2	29.9	30.7	39.4	119.8	120.4	120.1	118.8	120.6	120.4	119.9	120.4	125.0	125.3	119.2	90.3	99.1	115.1	323.9	649.3	11.4
18:31:00	0:02:00	29.0	29.2	29.9	30.3	38.9	119.7	120.3	120.0	118.9	120.4	120.3	120.0	121.0	127.2	125.1	119.2	90.3	98.3	115.1	323.9	649.3	11.4
18:32:00	0:03:00	29.1	29.2	29.9	30.7	39.7	119.6	120.2	119.8	118.8	120.3	120.1	120.0	120.9	128.1	125.1	119.2	90.3	97.6	115.0	323.9	649.3	11.4
18:33:01	0:04:00	29.1	29.2	29.9	31.2	40.2	119.6	120.2	119.8	119.0	120.3	120.1	120.1	120.0	126.6	125.0	119.0	90.3	97.1	115.0	323.9	649.3	11.4
18:34:01	0:05:00	29.1	29.2	29.9	31.6	40.8	119.6	120.2	119.8	119.0	120.3	120.1	120.1	119.2	123.8	125.0	119.0	90.3	96.5	115.0	323.9	649.3	11.3
18:35:01	0:06:01	29.1	29.2	29.9	31.6	40.8	119.6	120.2	119.8	118.9	120.3	120.1	120.1	119.2	121.7	125.1	119.0	90.2	96.0	114.9	323.9	649.3	11.4
18:36:01	0:07:01	29.1	29.2	29.9	32.1	41.3	119.6	120.2	119.8	119.0	120.3	120.1	120.1	119.6	122.6	125.0	119.0	90.3	95.6	115.0	323.9	649.3	11.4
18:37:01	0:08:01	29.1	29.2	29.9	32.5	41.9	119.6	120.2	119.8	119.0	120.3	120.1	120.2	120.3	124.7	124.9	118.8	90.2	95.2	114.9	323.9	649.3	11.4
18:38:01	0:09:01	29.1	29.2	29.9	33.0	42.5	119.7	120.3	119.8	119.1	120.3	120.1	120.2	120.8	126.4	125.0	118.8	90.2	95.0	115.0	323.9	649.3	11.4
18:39:01	0:10:01	29.1	29.3	29.9	33.0	42.5	119.7	120.2	119.8	119.1	120.3	120.1	120.2	121.0	127.9	124.8	118.8	90.2	94.6	114.9	323.9	649.3	12.9
18:40:01	0:11:01	29.1	29.3	29.9	33.4	43.1	119.7	120.2	119.8	119.1	120.4	120.1	120.2	120.5	127.7	124.8	118.8	90.2	94.4	115.0	323.9	649.3	12.9
18:41:01	0:12:01	29.1	29.3	29.9	33.4	43.0	119.7	120.2	119.9	119.1	120.3	120.1	120.2	119.8	125.4	124.7	118.8	90.2	94.0	114.9	323.9	649.3	12.9
18:42:01	0:13:01	29.1	29.3	29.9	33.9	43.5	119.8	120.3	119.9	119.2	120.3	120.1	120.2	119.0	122.9	124.7	118.7	90.1	93.8	114.8	323.9	649.3	12.9
18:43:02	0:14:01	29.1	29.3	29.9	34.3	44.2	119.7	120.2	119.8	119.1	120.3	120.2	120.3	119.2	121.6	124.6	118.7	90.1	93.4	114.8	323.9	649.3	12.9
18:44:02	0:15:01	29.1	29.3	29.9	34.3	44.1	119.8	120.3	119.9	119.2	120.3	120.2	120.3	119.9	123.3	124.6	118.7	90.1	93.3	114.8	323.9	649.3	14.4
18:45:02	0:16:02	29.1	29.3	29.9	34.8	44.7	119.8	120.3	119.9	119.2	120.3	120.1	120.3	120.5	125.4	124.6	118.6	90.1	93.2	114.9	323.9	649.3	14.4
18:46:02	0:17:02	29.1	29.3	29.9	35.3	45.4	119.7	120.2	119.8	119.2	120.3	120.1	120.3	121.0	127.3	124.5	118.6	90.1	92.9	114.8	323.9	649.3	14.4
18:47:02	0:18:02	29.1	29.3	29.9	35.3	45.4	119.7	120.2	119.8	119.2	120.4	120.2	120.3	120.8	128.0	124.4	118.4	90.0	92.8	114.8	323.9	649.3	14.4

MANUAL PHASE ADVANCE (egnon) 06/11/2015 19:02:31

CYCLE TIME hh:mm:ss	PHASE TIME hh:mm:ss	PX-1 PRESS (''HgA)	PX-2 PRESS (''HgA)	PX-4 PRESS (''HgA)	CH HUMID (mg/l)	CALC. HUMID (%RH)	AVG. TEMP (°F)	CH1 TEMP (°F)	CH2 TEMP (°F)	CH3 TEMP (°F)	CH1A TEMP (°F)	CH2A TEMP (°F)	CH3A TEMP (°F)	JR TEMP (°F)	JS TEMP (°F)	PRHTR TEMP (°F)	VAP TEMP (°F)	GAS TEMP (°F)	MNFLD TEMP (°F)	MNTR TEMP (°F)	EO DRM1 (Lbs.)	EO DRM2 (Lbs.)	GAS CONC (mg/l)
18:47:29	0:18:29	29.1	29.3	29.9	35.3	45.3	119.7	120.2	119.9	119.2	120.4	120.2	120.3	120.0	123.8	124.4	118.4	90.1	92.7	114.8	323.9	649.3	14.4
18:47:29	0:18:29	29.1	29.3	29.9	35.3	45.3	119.7	120.2	119.9	119.2	120.4	120.2	120.3	120.0	123.7	124.4	118.4	90.1	92.7	114.8	323.9	649.3	14.4

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000154

CYC IO: 0000000151

STERILIZER NUMBER: 0( )33693

START PRESS: 0029.0 MAX PRESS: 0029.2 MAX TEMP: 121.0 DRM1 START: 323.9 DRM2 START: 649.3 MAX PRE TEMP: 125.3 MAX GAS TEMP: 090.4
END PRESS: 0029.1 MIN PRESS: 0029.0 MIN TEMP: 119.6 DRM1 END: 323.9 DRM2 END: 649.3 MIN PRE TEMP: 124.3 MIN GAS TEMP: 090.0
PRESS CHANGE: 000.2 ETO USED 1: 000.0 ETO USED 2: 000.0 MAX VAP TEMP: 119.3
EO USED PHASE: 000.0 EO USED CYCLE:020.4 MIN VAP TEMP: 118.4

CYCLE INFO

MM.DD.YYYY	HH:MM:SS	OPER_ID	COMMENT

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000155

Aeration Validation

Sample Aeration Summary Matrix

1X St[illegible]ization
Aeration Summary Matrix

Novafil - Primary Aeration Product						
Sample Set	Aer. Room	Pull/Freeze Times	Cycle #	1X: 0HR	1X: 12HR	1X: 24HR
A	Primary	Time Pulled	CB500294	06-05-15/21:55	06-06-15/09:55	06-06-15/21:55
B		Time Pulled	CB500300	06-09-15/06:00	06-09-15/18:00	06-10-15/06:00
C		Time Pulled	CB500304	06-11-15/20:50	06-12-15/08:50	06-12-15/20:50

June 26, 2015

Covidien_North Haven_STE14-030_Residuals_NonCBI - 000157

Aeration Validation

Set "A"

Blank Samples

Novafil: D4C0376X

A Blank

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 888 8644 2243 Aeration Time: n/a

Lot Number: D4C0376X Cycle Number: n/a

Sample Weight: 0.1231 g Extraction Time: 10 min

Extraction Temp: 100C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	no	response	<10535	–	7100	<1.48

Total ETO Content: <1.48 Residual (ppm): <12 ppm

Total weight of component: 0.0245 g Total mg ETO: <0.00030mg

Sample Dimensions (cm) L= 226 cm Surface Area of Sample (cm^2) 16.0 cm²

µg EtO/cm^2: <0.093 µg/cm²

Performed by: [signature] Date: Jun 16, 2015

Reviewed by: [signature] Date: JUN-17-2015

Aeration Validation

Set "A"

0 Hr. Aeration

Novafil: D4C0376X

A IV

3-0 Novafil
L= 45 cm

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 4422-43 Aeration Time: 0 hr

Lot Number: D4C0376X Cycle Number: CB500294

Sample Weight: 0.1242 g Extraction Time: 20 min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	363846	354177	359012	1.3	6810	52.7
2	5694	5922	~~5805~~ 5808 SO 6-16-15	2.0	6810	0.853

Total ETO Content: 53.6 ug Residual (ppm): 432 ppm

Total weight of component: 0.0245 g Total mg ETO: 0.011 mg (14.15)

Sample Dimensions (cm) L= 228 cm Surface Area of Sample (cm^2) 16.1 cm^2

µg EtO/cm^2: 3.33 ug/cm^2

Performed by: [signature] Date: Jun 15, 2015

Reviewed by: [signature] Date: Jun 16, 2015

Aeration Validation

Set "A"

12 Hr. Aeration

Novafil: D4C0376X

A 1X

3X Novafil 3-0
L= 45 cm

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 4422-43 Aeration Time: 12 hr

Lot Number: D4C0376x Cycle Number: CB500294

Sample Weight: 0.1184 g Extraction Time: 20 min

Extraction Temp: 150c

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	3927	3841	3884	1.1	6810	0.570
2	no	response	—	—	—	—

Total ETO Content: 0.570 ug Residual (ppm): 5 ppm

Total weight of component: 0.0245g Total mg ETO: 0.00012 mg

Sample Dimensions (cm) L= 217 Surface Area of Sample (cm^2) 15.3 cm²

µg EtO/cm^2: 0.0373 ug/cm²

Performed by: [signature] Date: Jun 15, 2015

Reviewed by: [signature] Date: Jun 16, 2015

Aeration Validation

Set "A"

24 Hr. Aeration

Novafil: D4C0376X

A 14

3-0 Novafil
L= 45

CHEM-033C
REV A

Sample Analysis Data Sheet

Reorder Code: 4422-43
Lot Number: D4C0376Y
Cycle Number: CB 500294

Aeration Time: 24 hr
Aeration Conditions: 95-115°F

Ethylene Chlorohydrin

Sample Weight 0.1512 g
Water Weight 1.4651 g
Component Wt. 0.0245 g
Sample Dimensions (cm) 278 cm

Dilution Factor 9.690
Extraction Time 24 hr
Extraction Temp. Room temp
Surface Area 19.6 cm²

Response A	Response B	Average Response	% Deviation	Response Factor	Water Content (µg/g)	Residual (ppm)	Total mg

Ethylene Chlorohydrin

no	response	<40.1108	—	2.822	<14.21	<138	<0.0034

Ethylene Oxide

Sample Weight 00975 g
Component Wt. 0.0245 g

Extraction Time 20 min
Extraction Temp. 150C

Extraction No.	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	2774	2815	2795	~~0.8~~ 0.8	6810	0.410
2	no	response				

Total ETO content (µg) 0.410
Total mg ETO 0.00010 mg
Dimensions of Sample (cm) L= 179 cm

Residual (ppm) 4 ppm
Surface Area (cm²) 12.7 cm²

µg EtO/cm² 0.0323 ug/cm²

mg EtCh/cm² <0.0011 mg/cm²

Performed by: [signature]

Date: Jun 16, 2015

Reviewed by: [signature]

Date: JUN-17-2015

Aeration Validation

Set "B"

Blank Samples

Novafil: D5D0627X

B/ Blank

L= 45
3-0 Novafil

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243 Aeration Time: n/a

Lot Number: D5D0627X Cycle Number: n/a

Sample Weight: 0.1308 g Extraction Time: 10 min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	no	response	<10535	—	7100	<1.48

Total ETO Content: <1.48 Residual (ppm): <11 ppm

Total weight of component: 0.0245 g Total mg ETO: <0.00028 mg

Sample Dimensions (cm) L= 240cm Surface Area of Sample (cm^2) 17.0 cm2

µg EtO/cm^2: < 0.087 µg/cm2

Performed by: [signature] Date: Jun 16, 2015

Reviewed by: [signature] Date: JUN-17-2015

Aeration Validation

Set "B"

0 Hr. Aeration

Novafil: D5D0627X

Set B 1X
3-0 Novafil
L=45

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243 Aeration Time: 0 hr

Lot Number: D5D0627X Cycle Number: CB500300

Sample Weight: 0.1292 g Extraction Time: 20min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	1576.01	1542.48	1559.25	1.1	24.2	64.4
2	50.48	50.22	50.35	0.3	24.2	2.08

Total ETO Content: 66.5 µg Residual (ppm): 515ppm

Total weight of component: 0.0245 g Total mg ETO: 0.013mg

Sample Dimensions (cm) L=237 cm Surface Area of Sample (cm^2) 16.7 cm^2

µg EtO/cm^2: 3.98 µg/cm^2

Performed by: [signature] Date: Jun 15, 2015

Reviewed by: [signature] Date: Jun 16, 2015

Aeration Validation

Set "B"

12 Hr. Aeration

Novafil: D5D0627X

Set B 1X
3-0 Novafil
L=45

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243 Aeration Time: 12 hr

Lot Number: D5 D0627X Cycle Number: CB500300

Sample Weight: 0.1214 g Extraction Time: 20 min

Extraction Temp: 150C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	92.43	92.29	92.36	0.1	24.2	3.82
2	2.62	2.62	2.62	0.0	24.2	0.108

Total ETO Content: 3.93 µg Residual (ppm): 32 ppm

Total weight of component: 0.0245 g Total mg ETO: 0.00079 mg

Sample Dimensions (cm) L= 223 cm Surface Area of Sample (cm^2) 15.8 cm²

µg EtO/cm^2: 0.249 µg/cm²

Performed by: [signature] Date: Jun 15, 2015

Reviewed by: [signature] Date: Jun 16, 2015

Aeration Validation

Set "B"

24 Hr. Aeration

Novafil: D5D0627X

B 1X

3-0 Novafil
L= 45 cm

CHEM-033C
REV A

Sample Analysis Data Sheet

Reorder Code: 8886442243
Lot Number: D5D0627X
Cycle Number: CB500300

Aeration Time: 24 hr
Aeration Conditions: 95-115°F

Ethylene Chlorohydrin

Sample Weight 0.1921 g
Water Weight 1.8692 g
Component Wt. 0.0245 g
Sample Dimensions (cm) 353 cm

Dilution Factor 9.730
Extraction Time 24 hr
Extraction Temp. Room temp
Surface Area 24.9 cm2

Response A	Response B	Average Response	% Deviation	Response Factor	Water Content (µg/g)	Residual (ppm)	Total mg

Ethylene Chlorohydrin

no	response	<40.1108	–	2.822	<14.21	<138	<0.0034

Ethylene Oxide

Sample Weight 0.1261 g
Component Wt. 0.0245 g

Extraction Time 20 min
Extraction Temp. 150C

Extraction No.	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	13.95	13.74	13.85	JUN-16-2015 WJ ~~0.8~~ 0.7	24.2	0.572
2	no	response				

Total ETO content (µg) 0.572
Total mg ETO 0.00011 mg
Dimensions of Sample (cm) L= 250 cm

Residual (ppm) 5 ppm
Surface Area (cm²) 17.7 cm2

µg EtO/cm² 0.0323 µg/cm2

mg EtCh/cm² <0.0011 mg/cm2

Performed by: [signature]

Date: Jun 16, 2015

Reviewed by: [signature]

Date: JUN-17-2015

Aeration Validation

Set "C"

Blank Samples

Novafil: D5D1158X

e Blank

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 8886442243 Aeration Time: n/a

Lot Number: D5D1158V Cycle Number: n/a

Sample Weight: 0.1284 g Extraction Time: 10 min

Extraction Temp: 100C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	no	response	<10535	—	7100	<1.48

Total ETO Content: <1.48 Residual (ppm): <12 ppm

Total weight of component: 0.02458 Total mg ETO: <0.00028mg

Sample Dimensions (cm) L= 236cm Surface Area of Sample (cm^2) 16.7 cm^2

µg EtO/cm^2: <0.089 µg/cm^2

Performed by: [signature] Date: Jun 16, 2015

Reviewed by: [signature] Date: JUN-17-2015

Aeration Validation

Set "C"

0 Hr. Aeration

Novafil: D5D1158X

Novafil 3-0
L=45 cm

SetC

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 888 442243

Aeration Time: 0 hr

Lot Number: D5D1158X

Cycle Number: CB500304

Sample Weight: 0.1232 g

Extraction Time: 20 min

Extraction Temp: 100C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	247860	241822	244841	1.2	6810	36.0
2	3930	3735	3833	2.5	6810	0.563

Total ETO Content: 36.6 ug

Residual (ppm): 297 ppm

Total weight of component: 0.0245 g

Total mg ETO: 0.0073 mg

Sample Dimensions (cm) L = 22.6

Surface Area of Sample (cm^2) 16.0 cm^2

µg EtO/cm^2: 2.29 ug/cm^2

Performed by: [signature]

Date: Jun 15, 2015

Reviewed by: [signature]

Date: Jun 16, 2015

Aeration Validation

Set "C"

12 Hr. Aeration

Novafil: D5D1158X

Nonafil 3-0
L=45 cm

C

CHEM-033D
REV A

Ethylene Oxide Sample Analysis Data Sheet

Reorder Code: 888 442243 Aeration Time: 12 hr

Lot Number: D5D1158X Cycle Number: CB600304

Sample Weight: 0.12878 Extraction Time: 20 min

Extraction Temp: 100C

Extraction	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	4033	4403	4218	4.4	6810	0.619
2	no	response	—	—	—	—

Total ETO Content: 0.619 mg Residual (ppm): 5 ppm

Total weight of component: 00245g Total mg ETO: 0.00012 mg

Sample Dimensions (cm) L~236 cm Surface Area of Sample (cm^2) 16.7 cm^2

µg EtO/cm^2: 0.037 ug/cm^2

Performed by: [signature] Date: Jun 15, 2015

Reviewed by: [signature] Date: Jun 16, 2015

Aeration Validation

Set "C"

24 Hr. Aeration

Novafil: D5D1158X

3-0 Novafil C 1X
L= 45 cm

CHEM-033C
REV A

Sample Analysis Data Sheet

Reorder Code: 8886 442248
Lot Number: D5D1158X
Cycle Number: CB 600304

Aeration Time: 24 hr
Aeration Conditions: 95-115°F

Ethylene Chlorohydrin

Sample Weight 0.1629 g
Water Weight 2.0336 g
Component Wt. 0.0248 g
Sample Dimensions (cm) L= 299cm

Dilution Factor 12.48
Extraction Time 24 hr
Extraction Temp. Room temp
Surface Area 21.1 cm²

Response A	Response B	Average Response	% Deviation	Response Factor	Water Content (µg/g)	Residual (ppm)	Total mg
Ethylene Chlorohydrin							
no	response	<40.1108	–	2.822	<14.21	<177	<0.0043

Ethylene Oxide

Sample Weight 0.1236 g
Component Wt. 0.0248 g

Extraction Time 20 min
Extraction Temp. 100C

Extraction No.	Response A	Response B	Average Response	% Deviation	Response Factor	ETO Content
1	2130	2117	2124	0.3	6810	0.312
2	no	response				

Total ETO content (µg) 0.312
Total mg ETO 0.000062
Dimensions of Sample (cm) L= 227 cm

Residual (ppm) 3ppm
Surface Area (cm²) 16.0 cm²

µg EtO/cm² 0.0195 µg/cm²
mg EtCh/cm² <0.0014 mg/cm²

Performed by: [signature]
Date: Jun 16, 200

Reviewed by: [signature]
Date: JUN-17-2015