TITLE V READINGS CTO

	A	B	C	D	E	F	G	H	I	J
1										
2		**Week of:**	9/5/2016							
3										
5							**SCR Catalyst**			
6					**Inlet Temp. F (930-990)**	**Outlet Temp. (830-930)**	**Inlet Temp. F (650-900)**	**Title V Outlet Temp. F >650**	**Inlet NOx (0-8000)**	**Outlet NOx (< 200)**
8		**Shift**	**Oper**	**Time**						
9	Monday	Night	JRC	4am	899	857	829	782	200	0
10		Day	S.S.	9AM	NOP	NOP	NOP	NOP	NOP	NOP
11	9/5/2016	Afternoon	L.F.	3:30 AM	NOP	NOP	NOP	NOP	NOP	NOP
12	Tuesday	Night	JRC	12am	899	858	832	785	200	0
13		Day	S.S.	9AM	899	860	832	799	200	0
14	9/6/2016	Afternoon	LSF	3:30 PM	900	860	836	803	200	0
15	Wednesday	Night	JRC	12am	900	861	835	802	200	0
16		Day	EM	9:30am	899	861	835	803	200	0
17	9/7/2016	Afternoon	LF	3:50 PM	899	861	836	802	200	0
18	Thursday	Night	JRC	4pm	899	861	836	801	200	0
19		Day	EM	12:15pm	899	860	836	801	200	0
20	9/8/2016	Afternoon	SS	4pm	899	862	837	804	200	0
21	Friday	Night	JRC	2am	899	861	836	804	200	0
22		Day	EM	7:50am	894	861	835	802	200	0
23	9/9/2016	Afternoon	SS	5pm	900	860	836	802	200	0
24	Saturday	Night	L.F.	12:30	899	859	835	788	200	0
25		Day	EM	8:40am	900	861	837	800	200	0
26	9/10/2016	Afternoon	SS	4pm	899	859	836	794	200	0
27	Sunday	Night	LF	12am	900	862	837	808	200	0
28		Day	EM	9:50am	899	861	834	813	200	0
29	9/11/2016	Afternoon	SS	4pm	899	860	834	812	200	0
32										

TITLE V READINGS CTO

	K	L	M	N	O
1		**SCR/CTO U N I T L O G S H E E T (P092)**			
2					
3					
5	**Ammonia % valve opening (0-100)**	**% Fan speed (0-100)**	**CTO Suction (-3")-(-5")**	**Ammonia Flow Rate (0.01-0.15gpm)**	**Ammonia Tank Level (60-80)**
6					
8					
9	32	49	-5.24	0.02	60
10	NOP	NOP	NOP	NOP	NOP
11	NOP	NOP	NOP	NOP	NOP
12	32	51	-5.39	0.02	73
13	32	51	-5.5	0.02	72
14	32	53	-5.4	0.02	69
15	32	53	-5.41	0.02	73
16	32	53	-5.39	0.02	70
17	32	54	-5.37	0.02	87
18	32	54	-5.44	0.02	68
19	32	54	5.4	0.02	71
20	32	55	-5.4	0.02	60
21	32	54	-5.4	0.02	78
22	32	54	-5.4	0.02	62
23	32	54	-5.4	0.02	80
24	32	54	-5.4	0.02	61
25	32	55	-5.4	0.02	81
26	32	54	-5.4	0.02	63
27	32	55	-5.4	0.02	64
28	32	55	-5.4	0.02	79
29	32	55	-5.4	0.02	65
32					

TITLE V READINGS CTO

	P	Q	R	S	T	U
1						
2						
3						
5	**Inlet Baghouse Temp (90-140)**	**Pressure Drop Information**				**Comments/ Problems**
6		**Title V DP Baghouse >1"**	**DP SCR (2-7)**	**DP Burner (0.5-1.5)**	**HEPA (<1.5)**	
8						
9	121	2.5	2	0.9	1.5	
10	NOP	NOP	NOP	NOP	NOP	
11	NOP	NOP	NOP	NOP	NOP	
12	121	2.5	2	1	2.5	
13	120	2.5	2	1	2	
14	122	2.5	2	1.2	1.5	
15	121	2.5	2	1.05	2	
16	117	2.5	2.5	1.05	1.5	
17	122	2.5	2.5	1.1	1.5	
18	121	2.5	2	1.15	2	
19	123	2.5	2.5	1.1	1.5	
20	119	2.5	2.5	1.5	1	
21	121	2.5	2	1.1	2	
22	120	2.2	2.5	1.1	1.5	
23	119	2.5	2.5	1.1	1.5	
24	121	2.1	2.5	1.1	1.5	
25	120	2.2	2.5	1.15	1.5	
26	120	2.2	2.5	1.1	1.5	
27	120	3	2.5	1.1	1.5	
28	120	2.2	2.5	1.15	1.5	
29	120	2.5	2.5	1.15	1.5	
32					Revised 2 - 4/30/13	

TITLE V READINGS Tri-Mer

	A	B	C	D
1	SHIFT TRI-MER / VIRON SCRUBBER READINGS			
3	**week of**	9/5/2016		
4				
5				
6				
7				
8				
9		**Shift**	**Oper**	**Time**
10	Monday	Night	JRC	4am
11		Day	S.S.	9AM
12	9/5/2016	Afternoon	LSF	330pm
13	Tuesday	Night	JRC	12am
14		Day	S.S.	9AM
15	9/6/2016	Afternoon	LSF	3:30 AM
16	Wednesday	Night	JRC	12am
17		Day	EM	9:40am
18	9/7/2016	Afternoon	LF	3:30 PM
19	Thursday	Night	JRC	4am
20		Day	EM	12:20 PM
21	9/8/2016	Afternoon	SS	4pm
22	Friday	Night	JRC	2am
23		Day	EM	7:50am
24	9/9/2016	Afternoon	S.S.	5PM
25	Saturday	Night	L.F.	12:30AM
26		Day	EM	8:40am
27	9/10/2016	Afternoon	SS	4pm
28	Sunday	Night	LF	12am
29		Day	EM	9:50am
30	9/11/2016	Afternoon	SS	4pm
32		***	Any condition outside of the prescribed parameters needs to be reported via voice mail to	
33			Ext. 2568 with an email followup to Tim Anglin, Group Leaders, and Superintendents ASAP ***	
34			All Equipment operation outside of parameters must be repaired as soon as possible	
35			Mark section NOP if equipment is Not Operating	

TITLE V READINGS Tri-Mer

	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1																		
3																	RC #1	P010
4	Viron PH		Tri-mer PH			Trimer Pressure Drop			Trimer Flow Rates			Check (X)					RC #2	P102
5												Calciners					RC #3	P103
6	Viron #2	Viron #3	Tank 1	Tank 2	Tank 3	Stage1	Stage 2	Stage 3	Stage 1	Stage 2	Stage 3	Routed to					RC #4	P009
7	Range	Range	Range	Range	Range	Range	Range	Range	Range	Range	Range	Trimer					RC #5	P080
8	(6-11)	(6-11)	(10-13)	(10-13)	(10-13)	0"-1.5"	1"-4"	3"-6"	50 MIN	50 MIN	50 MIN	1	2	3	4	5	Comments/ Problems	
9																		
10	8	8.5	11.02	10.35	10.39	1.31	3.49	1.31	93	103	89				x			
11	8.1	7.4	11.3	10.1	10.2	0.79	2.56	1.68	93	103	91	X			X			
12	8.1	7.3	10.2	10.3	10.2	0.55	2.47	1.68	93	103	91	x			x			
13	8.1	7.3	10.76	10.35	10.87	0.59	3.96	1.69	93	103	91				x			
14	8.2	7.7	10.3	10.2	10.7	0.39	1.6	1.89	92	103	90	X			X			
15	8.1	7.2	10.5	10.3	10.4	0.5	2.31	1.16	92	103	89				x			
16	8	7.2	10.2	10.55	10.04	0.52	1.5	1.61	92	103	89				x			
17	7.9	6.7	10.3	10.66	11.45	0.33	1.8	1.54	92	103	90				x			
18	8	7.4	10.9	10.3	10.67	0.05	2.26	0.2	92	103	90	x						
19	7.8	8.5	11.68	10.5	11.08	0.65	3.09	2.51	92	103	87				x	x		
20	7.8	7.5	11.7	10.65	11.68	0.48	5.01	3.61	92	103	88				x	x		
21	8	7.5	12.4	10.2	10.7	0.71	3.01	3.67	92	103	87				x	x		
22	7.8	7.3	nop	nop	nop	nop	nop	nop	nop	nop	nop							
23	7.8	7.3	nop	nop	nop	nop	nop	nop	nop	nop	nop							
24	8	7.8	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP							
25	7.8	7.6	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP							
26	7.8	7.6	nop	nop	nop	nop	nop	nop	nop	nop	nop							
27	8	7.6	nop	nop	nop	nop	nop	nop	nop	nop	nop							
28	7.9	7.6	nop	nop	nop	nop	nop	nop	nop	nop	nop							
29	7.8	7.8	nop	nop	nop	nop	nop	nop	nop	nop	nop							
30	7.8	7.9	nop	nop	nop	nop	nop	nop	nop	nop	nop							
32																		
33																		
34																		
35																		

	A	B	C	D
1	South Side Daily Title V Readings Bldg. 11			
4	WEEK OF		9/5/2016	
7	**Day**	**Operator**	**Time**	**Powder Room**
8				**Building 11**
9				**Baghouse**
10				**Pressure Drop:**
11				**>1 inch H_2O**
12	**Monday**	**L.F.**	**3:30 AM**	**1.5**
13	**Tuesday**	**LSF**	**3:30pm**	**2**
14	**Wednesday**	**LF**	**3:30 PM**	**2**
15	**Thursday**	**SS**	**4pm**	**2**
16	**Friday**	**SS**	**5pm**	**2**
17	**Saturday**	**SS**	**4pm**	**2**
18	**Sunday**	**SS**	**4pm**	**2**
21	***NOP = Not Operating***			
22	***Any condition outside of the prescribed parameters need to be reported via voice mail to***			
23	***Tim Anglin ext. 2568, with an email followup to Group Leaders, and Superintendent ASAP ******			
24	***The equipment operating outside of parameters must be repaired as soon as possible.***			

	E	F	G
1			
4	AFTERNOON SHIFT READINGS		
7	**Powder Room**	**Powder Room**	**Powder Room**
8	**Building 11**	**Building 11**	**Building 11**
9	**50 lb. Bag Area Filter Fabric**	**Baghouse**	**50 lb. Bag Area Filter Fabric**
10	**Pressure Drop:**	**Visible Emissions**	**Visible Emissions**
11	**>1 inch H_2O**	**Y/N**	**Y/N**
12	**NOP**	**NO**	**NOP**
13	**nop**	**no**	**nop**
14	**NOP**	**NO**	**NOP**
15	**nop**	**no**	**nop**
16	**NOP**	**no**	**nop**
17	**NOP**	**no**	**NOP**
18	**NOP**	**no**	**NOP**
21			
22			
23			
24			

TITLE V READINGS Bldg 31

	A	B	C
1	South Side Daily Title V Readings Bldgs. 31		
4	WEEK OF	9/5/2016	
7	**Day**	**Operator**	**Time**
8			
9			
10			
11			
12	**Monday**	**L.F.**	**3:30 PM**
13	**Tuesday**	**LSF**	**3:30pm**
14	**Wednesday**	**LF**	**3:30 PM**
15	**Thursday**	**SS**	**4pm**
16	**Friday**	**SS**	**5pm**
17	**Saturday**	**SS**	**4pm**
18	**Sunday**	**SS**	**4pm**
21	***NOP = Not Operating***		
22	***Any condition outside of the prescribed parameters need to be reported via voice mail to***		
23	***Tim Anglin ext. 2568, with an email followup to Group Leaders, and Superintendent ASAP*** ***		
24	***The equipment operating outside of parameters must be repaired as soon as possible.***		

TITLE V READINGS Bldg 31

	D	E	F	G	H
1					
4	AFTERNOON SHIFT READINGS				
7	F 2 Scrubber	F 1 Scrubber	TriMer Stack	Roof Dust Collectors	Action Taken
8	P024 & P026	P010 & P028	P010, P026 &P080	P026, P028 & P010	
9	Building 31 Roof	Building 31 Roof	Building 31 Roof	Building 31 Roof	
10	Visible Emissions	Visible Emissions	Visible Emissions	Visible Emissions	
11	Y/N	Y/N	Y/N	Y/N	
12	NO	NO	NO	NO	
13	no	no	no	no	
14	NO	NO	NO	NO	
15	no	no	no	no	
16	NO	NO	NO	NO	
17	NO	NO	NO	NO	
18	NO	NO	NO	NO	
21					
22					
23					
24					

	A
1	South Side Daily Title V Readings Bldg. 27
4	WEEK OF
7	**Day**
8	
9	
10	
11	
12	**Monday**
13	**Tuesday**
14	**Wednesday**
15	**Thursday**
16	**Friday**
17	**Saturday**
18	**Sunday**
21	***NOP = Not Operating***
22	***Any condition outside of the prescribed parameters need to be reported via voice mail to***
23	***Tim Anglin ext. 2568, with an email followup to Group Leaders, and Superintendent ASAP ******
24	***The equipment operating outside of parameters must be repaired as soon as possible.***
27	***PLEASE note that the Sly Scrubber demister dp guage will display two alternating readings (%RANGE and INCHES H2O)***
28	***For Title V recording purposes, only record the INCHES H2O value***
30	**Also, if any reading is out-of-range be sure to make every effort to correct (blow out lines/tubing, submit work notification, ask for ass**

Bldg 27

	B	C	D	E	F	G	H	I	J
1									
4	9/5/16			AFTERNOON SHIFT READINGS					
7	Operator	Time	P&S Dryer / RC #6	P&S Dryer / RC #6	P&S Dryer / RC #6	RC #6	Horne Tabletting	~~Gravity Bed Sep.~~	~~Gravity Bed Sep.~~
8			P092 and P130	P092 and P130	P092 and P130	P092	P096	~~P105~~	~~P105~~
9			Sly Scrubber	Sly Scrubber	Sly Scrubber	Baghouse	Visible	~~Baghouse~~	~~Visible~~
10			Flow	Demister Pressure	Visible Emissions	Pressure Drop	Emissions	~~Pressure Drop~~	~~Emissions~~
11			> 2gpm	<1 inches H_2O	Y/N	<2 inches H_2O	Y/N	~~1-4 inches H_2O~~	~~Y/N~~
12	L.F.	3:30 AM	85.7	0.103	NO	0.9	NOP	out of service	out of service
13	LSF	3:30pm	85.2	0.102	no	0.8	nop	out of service	out of service
14	LF	3:30 PM	NOP	NOP	no	NOP	NOP	out of service	out of service
15	SS	4pm	nop	nop	no	nop	nop	out of service	out of service
16	SS	5pm	NOP	NOP	no	NOP	NOP	out of service	out of service
17	SS	4pm	NOP	NOP	no	NOP	NOP	out of service	out of service
18	SS	4pm	NOP	NOP	no	NOP	NOP	out of service	out of service
21									
22									
23									
24									
27									
28									
30	sistance)								

Bldg 27

	K
1	
4	
7	**Action Taken**
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
21	
22	
23	
24	
27	
28	
30	

	A	B	C	D	E	F
1	West Pfaudler (D4601 Production) Daily Title V Readings					
4	Week of _____	2/29/2016				
7	**Day**	**Operator**	**Time**	**TriMer**	**TriMer**	**TriMer**
8				**P026**	**P026**	**P026**
9				**Tank 1**	**Tank 2**	**Tank 3**
10				**pH**	**pH**	**pH**
11				**>9**	**>9**	**>9**
12	**Monday**					
13	**Tuesday**					
14	**Wednesday**					
15	**Thursday**					
16	**Friday**					
17	**Saturday**					
18	**Sunday**					
21	***NOP = Not Operating***					
22	***Any condition outside of the prescribed parameters need to be reported via voice mail to***					
23	***Tim Anglin ext. 2568, with an email followup to Group Leaders, and Superintendent ASAP ******					
24	***The equipment operating outside of parameters must be repaired as soon as possible.***					
26	***Uncontrolled NOx Emission Rates per Permit Condition C1.(2)***					
27	***909.6 lbs/batch***					
28	***19 lbs./hour***					
29	***454 lbs./day***					

	G	H	I	J	K	L	M
1							
4	AFTERNOON SHIFT READINGS						
7	**TriMer**	**TriMer**	**TriMer**	**TriMer**	**TriMer**	**TriMer**	**Action Taken**
8	**P026**	**P026**	**P026**	**P026**	**P026**	**P026**	
9	**Stage 1**	**Stage 2**	**Stage 3**	**Stage 1**	**Stage 2**	**Stage 3**	
10	**Pressure Drop**	**Pressure Drop**	**Pressure Drop**	**Flow Rate**	**Flow Rate**	**Flow Rate**	
11	**0.2"- 3"**	**1"- 5"**	**1"- 6"**	**>50 gpm**	**>50 gpm**	**>50 gpm**	
12							
13							
14							
15							
16							
17							
18							
21							
22							
23							
24							
26							
27							
28							
29							

	B	C	D	E	H
2					
4				**F1/F2 Scrubber Checksheet - Return to GL once sheet complete**	
5				**F1 Demister**	**F1 Packing**
6				Pressure drop ("H2O)	Pressure drop ("H2O)
8	**Date**	**Shift**	**Operator**		
9	9/5/2016	3-11	L.F.	2.59	1.06
11	9/6/2016	3-11	LSF	2.28	0.94
13	9/7/2016	3-11	LF	2.26	1.26
15	9/8/2016	3-11	SS	2.32	1.51
17	9/9/2016	3-11	SS	2.34	1.48
19	9/10/2016	3-11	SS	2.37	1.47
21	9/11/2016	3-11	SS	2.36	1.4
25	**If pressure drop across any of the three spots increase a large amount or is increasing week after week, this may indicate a problem is present. Alert engineer or group leader**				

F1 F2

	I	K	P	S	V
2	AFTERNOON SHIFT READINGS				
4					
5		**F1 Blower**	**F2 Demister**	**F2 Packing**	**F2 Blower**
6		Pressure drop ("H2O)	Pressure drop ("H2O)	Pressure drop ("H2O)	Pressure drop ("H2O)
8					
9		9.5	0.09	0.53	3.47
11		8.5	0.1	0.49	3.39
13		15	0.1	0.63	3.37
15		15	0.1	0.35	3.36
17		15.5	0.1	0.47	3.41
19		15	0.1	0.64	3.34
21		15.5	0.1	0.65	3.47
25					

TITLE V READINGS Bldg 16

	A	B	C	D
1	South Side Daily Title V Readings Bldg. 16			
4	Week of __7/13/15_____	9/5/2016		
7	**Day**	**Operator**	**Time**	**RC #4 (P009)**
8				**Building 16**
9				**Baghouse 4a**
10				**Pressure Drop:**
11				**0.3-4.5 inches H_2O**
12	**Monday**	**JRC**	**4am**	**nop**
13	**Tuesday**	**JRC**	**12am**	**nop**
14	**Wednesday**	**JRC**	**12am**	**nop**
15	**Thursday**	**JRC**	**4am**	**nop**
16	**Friday**	**JRC**	**2am**	**nop**
17	**Saturday**	**L.F.**	**12:30AM**	**NOP**
18	**Sunday**	**L.F.**	**12am**	**nop**
21	***NOP = Not Operating***			
22	***Any condition outside of the prescribed parameters need to be reported via voice mail to***			
23	***Tim Anglin ext. 2568, with an email followup to Group Leaders, and Superintendent ASAP ******			
24	***The equipment operating outside of parameters must be repaired as soon as possible.***			

TITLE V READINGS Bldg 16

	E	F	G	H	I	J	K	L
1								
4		MIDNIGHT SHIFT READINGS						
7	**RC #4 (P009)**	**Viron 2 (P086)**	**Viron 2 (P086)**	**Viron 3 (P086)**	**Viron 3 (P086)**	**National Dryer**	**National Dryer**	**CTO/SCR Stack**
8	**Building 16**	**Building 16**	**Building 16**	**Building 16**	**Building 16**	**P106**	**P106**	**P092, P102 & P103**
9	**Baghouse 4b**	**Scrubber**	**Scrubber**	**Scrubber**	**Scrubber**	**Roof Building 16**	**Baghouse**	**Roof Building 16**
10	**Pressure Drop:**	**Pressure Drop:**	**Make-up Water**	**Pressure Drop:**	**Make-up Water**	**Visible Emissions**	**Pressure Drop**	**Visible Emissions**
11	**0.3-4.5 inches H_2O**	**>1 inch H_2O**	**> 2 GPM**	**>1 inch H_2O**	**> 2 GPM**	**Y/N**	**1-4 inches H_2O**	**Y/N**
12	**1**	**2.8**	**2**	**5**	**2**	**nop**	**nop**	**no**
13	**0.9**	**3.1**	**2**	**3.2**	**2**	**nop**	**nop**	**no**
14	**0.9**	**3.5**	**2**	**2.9**	**2**	**nop**	**nop**	**no**
15	**0.8**	**3.1**	**2**	**2.9**	**2**	**nop**	**nop**	**no**
16	**0.9**	**2.8**	**2**	**3.3**	**2**	**nop**	**nop**	**no**
17	**0.9**	**2.8**	**2**	**3.8**	**2**	**NOP**	**NOP**	**NO**
18	**2**	**3.1**	**2**	**4.1**	**2**	**No**	**3.1**	**no**
21								
22								
23								
24								

TITLE V READINGS Bldg 16

	M
1	
4	
7	**RC# 5 (P080)**
8	**Dust Collectors 5a & 5b**
9	**Roof Building 16**
10	**Visible Emissions**
11	**Y/N**
12	**nop**
13	**nop**
14	**no**
15	**no**
16	**no**
17	**NO**
18	no
21	
22	
23	
24	

TITLE V READINGS Bldg 9

	A	B	C
1	South Side Daily Title V Readings Bldg. 9		
4	WEEK OF	9/5/2016	
7	**Day**	**Operator**	**Time**
8			
9			
10			
11			
12	**Monday**	**JRC**	**4am**
13	**Tuesday**	**JRC**	**12:00 AM**
14	**Wednesday**	**JRC**	**1am**
15	**Thursday**	**JRC**	**5am**
16	**Friday**	**JRC**	**2am**
17	**Saturday**	**L.F.**	**12:30AM**
18	**Sunday**	**L.F.**	**12am**
21	***NOP = Not Operating***		
22	***Any condition outside of the prescribed parameters need to be reported via voice mail to***		
23	***Tim Anglin ext. 2568, with an email followup to Group Leaders, and Superintendent ASAP*** ***		
24	***The equipment operating outside of parameters must be repaired as soon as possible.***		

TITLE V READINGS Bldg 9

	D	E	F	G	H
1					
4	MIDNIGHT SHIFT READINGS				
7	**PK Blender (P099)**	**PK Blender (P099)**	**PK Blender (P099)**	**PK Blender (P099)**	**Action Taken**
8	**Building 9**	**Building 9**	**Building 9**	**Building 9**	
9	**Baghouse**	**Scrubber**	**Scrubber**	**Visible**	
10	**Pressure Drop:**	**Pressure Drop:**	**Water Flow**	**Emissions**	
11	**3-5 inches H_2O**	**>/= 2 inches H_2O**	**Y/N**	**Y/N**	
12	**nop**	**2.02**	**yes**	**no**	
13	**nop**	**2**	**yes**	**no**	
14	**nop**	**2**	**yes**	**no**	
15	**nop**	**2**	**yes**	**no**	
16	**nop**	**2**	**yes**	**no**	
17	**NOP**	**2**	**YES**	**NO**	
18	**nop**	**2**	**yes**	**no**	
21					
22					
23					
24					

Dust Coll

	A	B
2		
4	WEEK OF	9/5/2016
5		
6		
8	**Date**	**Shift**
9	9/5/2016	11-7
11		
12	9/6/2016	11-7
14		
15	9/7/2016	11-7
17		
18	9/8/2016	11-7
20		
21	9/9/2016	11-7
23		
24	9/10/2016	11-7
26		
27	9/11/2016	11-7
29		
31	**If pressure drop across any of the dust collectors increases a large amount or is increasing day after day, this may indicate a problem is present. Alert engineer or group leader**	
32	***If drum level has not increased at all since the previous day, alert group leader/leadman to investigate. Change out drums as necessary and label.**	
33	****If rotolock is not turning, alert group leader/leadman immediately. Dust collector can fill up and pack if rotolock is not on**	

Dust Coll

	C	D	E	F	G	H
2						
4		**Dust collectors - Return to GL once sheet complete**				
5		**#1**	**#1**	**#2**	**#2**	**#3**
6		Pressure drop ("H2O)	Drum Level*	Pressure drop ("H2O)	Drum Level*	Pressure drop ("H2O)
8	**Operator**					
9	JRC	.67	0.25	3.28	0.25	4.44
11	**rotolock**	y		y		y
12	JRC	.53	0.75	.93	0.75	4.05
14	**rotolock**	yes		y		y
15	JRC	.54	0.75	2.19	0.75	4.77
17	**rotolock**	yes		y		y
18	JRC	.56	0.10	2.78	0.50	3.66
20	**rotolock**	y		y		y
21	JRC	.55	0.10	.32	0.25	3.81
23	**rotolock**	y		y		y
24	L.F.	.56	0.10	.83	0.25	4.5
26	**rotolock**	YES		YES		YES
27	L.F.	.57	0.10	.88	0.25	4.12
29	**rotolock**	Yes		yes		yes
31						
32						
33						

Dust Coll

	I	J	L	N	O	P	Q	R	S	T	U	V
2	MIDNIGHT SHIFT READINGS											
4												
5	**#3**	**#7**	**#7**	**#8**	**#8**	**Vertical**	**Vertical**	**CTO**	**CTO**	**National Dryer**	**National Dryer**	**PK Blender**
6	Drum Level*	Pressure drop ("H2O)	Drum Level*	Pressure drop ("H2O)	Drum Level*	Pressure drop ("H2O)	Drum Level*	Pressure drop ("H2O)	Drum Level*	Pressure drop ("H2O)	Drum Level*	Drum Level*
8												
9	0.25	1.5	0.25	nop	0.00	3.5	0.25	2.5	0.75	nop	0.00	0.00
11		open		nop		y		y		nop		nop
12	0.25	1.5	0.25	nop	0.00	3.5	0.25	2.5	0.75	nop	0.00	0.00
14		open		nop		y		y		nop		nop
15	0.25	1.5	0.25	nop	0.00	3.5	0.50	2.5	0.75	nop	0.00	0.00
17		open		nop		y		y		nop		nop
18	0.60	2	0.25	nop	0.00	3.9	0.50	2.5	0.10	nop	0.00	0.00
20		open		nop		y		y		nop		nop
21	0.60	2	0.25	nop	0.00	4	0.50	2.5	0.10	nop	0.00	0.00
23		open		nop		y		y		nop		nop
24	0.65	2	0.30	5.87	0.10	4	0.50	2.5	0.30	NOP	0.00	0.00
26		OPEN		YES		YES		YES		NOP		NOP
27	0.75	2	0.30	6.26	0.10	4	0.50	2.5	0.33	3.1	0.00	0.00
29		open		yes		yes		yes		yes		NOP
31												
32												
33												