TITLE V READINGS CTO

	A	B	C	D	E	F	G
1	CTO UNIT LOG SHEET						
3	**Week of:**	6/1/2015					
4						SCR Catalyst	
5				Inlet	Outlet	Inlet	Outlet
6				Temp. F	Temp. F	Temp. F	Temp. F
7				(930-990)	(830-930)	(650-900)	(650-900)
8		**Shift**	**Oper**				
9	Monday	Night	RS	902	861	809	806
10		Day	JRC	903	861	813	804
11	6/1/2015	Afternoon	SHILL	905	861	811	793
12	Tuesday	Night	GG	897	858	810	797
13		Day	JRC	901	860	812	801
14	6/2/2015	Afternoon	SHILL	901	856	805	772
15	Wednesday	Night	GG	902	859	802	784
16		Day	BG	900	859	808	800
17	6/3/2015	Afternoon	SHILL	897	856	805	781
18	Thursday	Night	DA	805	804	815	804
19		Day					
20	6/4/2015	Afternoon	JRC	900	853	805	771
21	Friday	Night	DA	898	852	806	766
22		Day	DA	900	854	808	766
23	6/5/2015	Afternoon	JRC	894	860	820	813
24	Saturday	Night	SHILL	903	863	815	811
25		Day	DA	895	850	797	759
26	6/6/2015	Afternoon	JRC	900	860	811	802
27	Sunday	Night	SHILL	903	861	811	808
28		Day	DA	901	853	802	756
29	6/7/2015	Afternoon	JRC	901	860	816	803
31		Note any leaks around equipment that require Work Notifications and sesure agitators are running where approprate					

TITLE V READINGS CTO

	H	I	J	K	L	M	N	O	P	Q	R	S
1												
3												
4			Ammonia	% Fan	CTO	Ammonia	Ammonia	Pressure Drop Information				Comments/ Problems
5	Inlet	Outlet	% Valve	Speed	Suction	Flow Rate	Tank	DP	DP	DP	Hepa	
6	NOx	NOx	Opening		(-3") to	0.01 - 0.15	Level	Baghouse	SCR	Burner		
7	(0-8000)	(< 200)	(0-100)	(0-100)	(-5")	GPM	(60-80)	(<2)	(2-7)	(.5-1.5)	(<1.5)	
8												
9	250	0	33	48	-4.9	0.11	75	3	3.2	0.75	0.9	
10	250	0	33	50	-4.9	0.03	48	3	2	0.85	0.5	
11	250	0	33	48	-4.9	0.03	64	3	2	0.75	0.6	
12	250	0	33	48	-4.9	0.11	73	3	2	0.75	0.6	
13	250	0	33	48	-4.9	0.03	76	3	2	0.75	0.5	
14	250	0	33	45	-4.9	0.03	64	3	2	0.65	0.6	
15	250	0	33	46	-4.9	0.11	76	3	2	0.7	0.6	
16	250	0	33	47	-4.9	0.11	69	3	2	0.7	0.5	
17	250	0	33	48	-4.9	0.04	65	3	2	0.65	0.6	
18	250	0	33	50	-4.9	0.14	75	3	2	0.8	1	
19												
20	250	0	33	43	-4.9	0.04	63	3	2	0.65	0.5	
21	250	0	33	45	-4.9	0.14	74	3	3.5	0.7	0.7	
22	250	0	33	45	-4.9	0.14	61	4	2	0.75	1	
23	250	0	33	51	-4.9	0.03	69	3	2.5	0.9	0.5	
24	250	0	33	49	-4.9	0.04	62	3	2	0.75	1	
25	250	0	33	41	-4.9	0.14	79	3	2	0.55	0.5	
26	250	0	33	47	-4.9	0.04	61	3	2	0.7	0.5	
27	250	0	33	46	-4.9	0.03	77	3	2	0.65	1	
28	250	0	33	43	-4.9	0.14	77	3	2	0.65	1	
29	250	0	33	49	-4.9	0.03	62	3	2	0.75	0.5	
31												

TITLE V READINGS Tri-Mer

	A	B	C	D	E
1	SHIFT TRI-MER / VIRON SCRUBBER READINGS				
3	**Week of:**	6/1/2015			
4					**Viron PH**
5					
6					**Viron #2**
7					**Range**
8					**(6-11)**
9		**Shift**	**Oper**	**Time**	
10	Monday	Night	RS	11PM	NOP
11		Day	JRC	11am	NOP
12	6/1/2015	Afternoon	SHILL	8PM	NOP
13	Tuesday	Night	GG	11PM	NOP
14		Day	JRC	8am	NOP
15	6/2/2015	Afternoon	SHILL	9PM	NOP
16	Wednesday	Night	GG	11pm	nop
17		Day	BG	11am	NOP
18	6/3/2015	Afternoon	SHILL	9PM	8.4
19	Thursday	Night	DA	830A	8.1
20		Day			
21	6/4/2015	Afternoon	JRC	5pm	NOP
22	Friday	Night	DA	4AM	8.1
23		Day	DA	12PM	8.2
24	6/5/2015	Afternoon	JRC	7pm	8.1
25	Saturday	Night	SHILL	2AM	8
26		Day	DA	12PM	8.1
27	6/6/2015	Afternoon	JRC	8pm	9.3
28	Sunday	Night	SHILL	3AM	8
29		Day	DA	12PM	8.1
30	6/7/2015	Afternoon	JRC	8pm	8
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

	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1																	
3																RC #1	P010
4		Tri-mer PH			Trimer Pressure Drop			Trimer Flow Rates			Check (X)					RC #2	P102
5											Calciners					RC #3	P103
6	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	Trimer					RC #5	P080
8	(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	10.3	10.87	11.06	11.1	0.17	2.1	3.09	111	104	93	X						
11	8.2	10.17	10.58	11.18	0.13	2.21	3.03	111	103	92	x						
12	9.1	10.7	11.2	11.3	0.15	1.8	3.02	11	103	93	X						
13	6.8	10.6	11.5	11.6	0.2	2.3	3	100	100	93	X						
14	7.7	10.24	10.56	10.87	0.14	2.26	3.07	111	104	92	x						
15	9.4	10.9	11.4	10.7	0.11	2.3	3.1	111	103	92	X						
16	8	10.8	11.6	11.3	0.19	2.2	3	100	100	93	x						
17	10.2	10.9	10.6	10.9	0.2	1.9	3.1	109	104	93	x						
18	9.2	10.7	11.5	11.4	1.2	1.8	3.2	111	104	93	X						
19	7.8	10.6	10.9	11.5	0.84	2.3	3.13	111	103	93	X						
20																	
21	8.1	10.83	11.68	10.95	1.02	2.27	3.06	111	103	93	x						
22	8.6	10.7	10.8	10.6	1.01	2.14	2.97	111	104	93	X						
23	11	10.4	11.5	11	1.02	1.99	2.97	111	103	93	X						
24	11.5	10.5	11.5	11.48	0.81	2.04	3	111	103	93	x						
25	8.1	10.8	11.1	11.4	0.9	2.5	3	111	104	93	X						
26	7.4	10.6	10.9	10.8	1.2	2.3	3.02	111	103	93	X						
27	8.1	10.59	10.8	10.85	1.3	1.96	3.08	111	104	93	x						
28	8.2	10.6	11.4	10.7	1.3	1.6	3.2	111	104	93	X						
29	7.9	10	11.3	10.9	0.76	1.2	3.08	110	103	93	X						
30	8.3	10.2	11.68	10.78	0.81	3.6	3.15	110	103	93	x						
32																	
33																	
34																	
35																	

TITLE V READINGS Bldg 16

	A	B	C	D
1	SOUTH SIDE DAILY TITLE V READING BLDG.16			
3	**Week of:**	6/1/2015		
4				**RC #4 (P009) Building 16**
6				**Baghouse**
7				**4A - DP**
8				**0.3"-4.5" H2O**
9		**Oper**	**Time**	
10	Monday	RS	11PM	1.4
12	Tuesday	GG	11PM	1.67
14	Wednesday			
16	Thursday			
18	Friday	DA	4AM	1.06
20	Saturday	SHILL	2AM	0.8
22	Sunday	SHILL	3AM	0.8
25		Any condition outside of the prescribed parameters needs to be reported via voice mail to		
26		Ext. 2568 with an email followup to Tim Anglin, Group Leaders, and Superintendents ASAP ***		
27		All Equipment operation outside of parameters must be repaired as soon as possible		
28		Mark section NOP if equipment is Not Operating		

TITLE V READINGS Bldg 16

	E	F	G	H	I	J	K	L	M
1									
3									
4		Viron #2 (P086) Building 16		Viron #3 (P086) Building 16		National Dryer (P106) Building 16		CTO Stack (P102 & P103)	RC # 5 (P080)
6	Baghouse	Scrubber	Scrubber	Scrubber	Scrubber	Visable	Baghouse	Visable	Visable
7	4B - DP	DP	Water Flow	DP	Water Flow	Stack	DP	Stack	Stack
8	0.3"-4.5" H2O	>1" H2O	> 2 GPM	>1" H2O	> 2 GPM	Emmisions	1"-4" H2O	Emmisions	Emmisions
9						Y/N		Y/N	Y/N
10	3.05	NOP	NOP	6.5	2	NO	1.46	NO	NO
12	3.1	NOP	NOP	5	2	NO	1.47	NO	NO
14									
16									
18	2.96	3	2	3.5	2	N	1.47	NO	NO
20	2.2	2.8	2	4.3	2	NO	1.5	NO	NO
22	2.2	2.7	2	3.5	2	NO	1.5	NO	NO
25									
26									
27									
28									

TITLE V READINGS Bldg 31

	A	B	C	D
1	SOUTH SIDE DAILY TITLE V READING BLDG. 31			
3	**Week of:**	6/1/2015		
4				**F2 Scrubber (P024 & P026)**
6				**Bldg 31 Roof**
7				**Visible Emissions**
8				**Y/N**
9		**Oper**	**Time**	
10	Monday	RS	11PM	NO
12	Tuesday	GG	11PM	NO
14	Wednesday			
16	Thursday			
18	Friday	DA	3AM	NO
20	Saturday	SHILL	2AM	NO
22	Sunday	SHILL	3AM	NO
25		Any condition outside of the prescribed parameters needs to be reported via voice mail to		
26		Ext. 2568 with an email followup to Tim Anglin, Group Leaders, and Superintendents ASAP ***		
27		All Equipment operation outside of parameters must be repaired as soon as possible		
28		Mark section NOP if equipment is Not Operating		

TITLE V READINGS Bldg 31

	F	H	J	L
1				
3				
4	F1 Scrubber (P010 &P028)	Tri-mer Stack (P010 - P026 - P080)	Roof Dust Collectors (P026 - P028 - P110)	
6	Bldg 31 Roof	Bldg 31 Roof	Bldg 31 Roof	
7	Visible Emissions	Visible Emissions	Visible Emissions	Action Taken
8	Y/N	Y/N	Y/N	
9				
10	NO	NO	NO	
12	NO	NO	NO	
14				
16				
18	NO	NO	NO	
20	NO	NO	NO	
22	NO	NO	NO	
25				
26				
27				
28				

TITLE V READINGS Bldg 9 & 27

	A	B	C
1	SOUTH SIDE DAILY TITLE V READING Bldg. 9 & 27		
3	**Week of:**	6/1/2015	
4			
6			
7			
8			
9		**Oper**	**Time**
10	Monday	RS	11PM
12	Tuesday	GG	11PM
14	Wednesday		
16	Thursday		
18	Friday	DA	3AM
20	Saturday	SHILL	2AM
22	Sunday	SHILL	3AM
25		Any condition outside of the prescribed parameters needs to be reported via voice mail to	
26		Ext. 2568 with an email followup to Tim Anglin, Group Leaders, and Superintendents ASAP ***	
27		All Equipment operation outside of parameters must be repaired as soon as possible	
28		Mark section NOP if equipment is Not Operating	

TITLE V READINGS Bldg 9 & 27

	D	E	F	G	H	I	J	K
1								
3								
4	PK Blender (P099) Building 9				Horne Tabletting (P096) Building 27 Roof	Gravity Bed Sep. (P105) Building 27		
6	Baghouse	Scrubber	Scrubber	Visible Stack	Visible Stack	Baghouse	Visible Stack	
7	Pressure Drop	Pressure Drop	Water Flow	Emissions	Emissions	DP	Emissions	Action Taken
8	3"-5" H2O	>/= 2" H2O	Y/N	Y/N	Y/N	1"-4" H2O	Y/N	
9								
10	NOP	NOP	NOP	NO	NO	NOP	NOP	
12	NOP	NOP	NOP	NOP	NO	NOP	NOP	
14								
16								
18	NOP	-2.26	Y	N	NO	NOP	NOP	
20	NOP	2.25	YES	NO	NO	NOP	NOP	
22	4.9	2.3	YES	NO	NO	NOP	NOP	
25								
26								
27								
28								