TITLE V READINGS CTO

	A	B	C	D	E	F	G
1	CTO UNIT LOG SHEET						
3	**Week of:**	5/18/2015					
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	JRC	900	861	818	805
10		Day	BG	902	858	815	776
11	5/18/2015	Afternoon	BG	903	856	812	770
12	Tuesday	Night	JRC	900	862	825	811
13		Day	BG	899	860	819	802
14	5/19/2015	Afternoon	BG	900	856	811	768
15	Wednesday	Night	JRC	903	857	811	768
16		Day	SHILL	897	845	782	702
17	5/20/2015	Afternoon	BG	903	855	790	781
18	Thursday	Night	JRC	902	861	809	793
19		Day	SHILL	NOP	NOP	NOP	NOP
20	5/21/2015	Afternoon	RS	NOP	NOP	NOP	NOP
21	Friday	Night	JRC	900	858	797	790
22		Day	SHILL	898	859	808	796
23	5/22/2015	Afternoon	RS	893	859	810	798
24	Saturday	Night	BG	896	855	802	786
25		Day	SHILL	896	853	803	778
26	5/23/2015	Afternoon	JK	901	857	801	781
27	Sunday	Night	BG	900	856	804	778
28		Day	BG	901	856	804	778
29	5/24/2015	Afternoon	JK	899	856	807	782
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	52	-4.9	0.03	64	3	2.5	0.95	0.5	
10	250	0	33	49	-4.9	0.11	62	3	2.5	0.9	1	
11	250	0	33	49	-4.9	0.11	62	3	2.5	0.9	1	
12	250	0	33	56	-4.9	0.03	78	2.5	1.15	2.5	0.5	
13	250	0	33	54	-4.9	0.11	76	2.5	2	1.5	1	
14	250	0	33	48	-4.9	0.11	70	2.5	2	1.2	1	
15	250	0	33	48	-4.9	0.03	61	3	2	0.85	0.5	
16	250	0	33	44	-4.9	0.03	72	3	2	0.85	0.8	
17	250	0	33	42	-4.9	0.11	74	3	2	1	1	
18	250	0	33	49	-4.9	0.03	77	3	2	0.75	0.5	
19	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	
20	n	n	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	
21	250	0	20	48	-4.9	0.01	71	3	2	0.75	0.5	
22	250	0	33	49	-4.9	0.04	74	3	2.2	0.8	0.9	
23	250	0	33	49	-4.9	0.04	77	3	2.2	0.8	0.9	
24	250	0	33	47	-4.9	0.14	81	3	2	0.8	1	
25	250	0	33	46	-4.9	0.04	70	3	2	0.75	0.7	
26	250	0	33	47	-4.9	0.04	69	3	2	0.75	0.5	
27	250	0	33	46	-4.9	0.14	70	3	2	0.8	0.5	changed tote
28	250	0	33	46	-4.9	0.14	79	3	2	0.85	0.5	
29	250	0	33	45	-4.9	0.14	70	3	2	0.75	0.5	
31												

TITLE V READINGS Tri-Mer

	A	B	C	D
1	SHIFT TRI-MER / VIRON SCRUBBER READINGS			
3	**Week of:**	5/18/2015		
4				
5				
6				
7				
8				
9		**Shift**	**Oper**	**Time**
10	Monday	Night	JRC	1am
11		Day	BG	12pm
12	5/18/2015	Afternoon	BG	5pm
13	Tuesday	Night	JRC	12am
14		Day	BG	2pm
15	5/19/2015	Afternoon	BG	10pm
16	Wednesday	Night	JRC	12am
17		Day	SHILL	1PM
18	5/20/2015	Afternoon	BG	6pm
19	Thursday	Night	JRC	4am
20		Day	SHILL	1PM
21	5/21/2015	Afternoon	RS	8pm
22	Friday	Night	JRC	2am
23		Day	SHILL	1PM
24	5/22/2015	Afternoon	RS	4pm
25	Saturday	Night	BG	5am
26		Day	SHILL	12pm
27	5/23/2015	Afternoon	JK	4pm
28	Sunday	Night	BG	2am
29		Day	BG	9am
30	5/24/2015	Afternoon	JK	3pm
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	9.16	7.6	10.2	11.04	11	0.25	2.73	3.29	110	103	94	x						
11	10.8	6.5	10	11	11.3	0.2	2.4	3.2	110	103	94	x						
12	9.6	8.6	10.2	11.1	11.3	0.2	2.5	3.2	111	104	93	x						
13	8.6	7.2	10.05	10.75	11.41	0.09	2.3	3.2	111	103	94	x						
14	9	8.8	10	10.7	11.6	0.07	2.1	3	111	103	94	x						
15	8.3	11	10.1	10.9	11.7	0.07	2.1	3.1	110	104	93	x						
16	8.11	8.9	10.13	10.97	11.61	0.48	2.05	3.02	111	104	93	x						
17	9.3	6.4	10.4	11	11.3	0.8	1.9	3.1	110	103	93	X						
18	8.2	8	10.1	11	11.7	0.08	2.1	3	110	104	94	x						
19	9.3	7.6	10.04	10.85	11.7	1.29	2.23	3.03	111	104	93	x						
20	8.4	7.9	10.3	10.7	11,7	1.22	2.3	3.05	110	104	93	X						
21	10.8	8.4	10	10.5	11.4	1.25	1.81	3	111	104	93	x						
22	9.29	10.9	10.18	10.74	11.57	1.3	2.07	3.67	111	104	93	x						
23	8.3	9.9	11	11.7	11.5	1.1	1.85	3.68	110	103	93	X						
24	11.1	7.8	10.3	11.6	11.4	1.8	1.75	3.6	110	103	93	x						
25	8.7	9.7	10.3	11.5	11.6	1.1	1.8	3.5	110	103	94	x						
26	8.4	7.9	11	11.2	11.8	1.4	1.6	3.2	112	104	94	X						
27	11	7.9	10.6	10.9	11.7	1.4	1.5	3.2	112	104	94	x						
28	8.9	7.9	10.8	11	11.7	1.3	1.6	3	111	104	94	x						
29	8.7	7.7	10.6	11.5	11.7	0.4	2.2	3.7	110	103	94	x						
30	8.2	7.7	10.5	11.6	11.6	0.3	2.4	3.3	111	104	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:**	5/18/2015		
4				**RC #4 (P009) Building 16**
6				**Baghouse**
7				**4A - DP**
8				**0.3"-4.5" H2O**
9		**Oper**	**Time**	
10	Monday	JRC	1am	0.8
12	Tuesday	JRC	12am	1
14	Wednesday	JRC	12am	0.8
16	Thursday	JRC	4am	0.6
18	Friday	JRC	2am	0.7
20	Saturday	BG	5am	1.2
22	Sunday	BG	2am	1.4
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	2	2.6	2	1.8	2	NO	1.56	NO	NO
12	2.5	2.6	2	1.9	2	NO	1.56	NO	NO
14	2	2.1	2	6.9	2	NO	1.49	NO	NOP
16	2	1.6	2	5.5	2	NO	1.47	NO	NOP
18	2.4	2.4	2	4.9	2	NO	1.5	NO	NOP
20	2.7	2.9	2	5	2	no	1.5	NO	NO
22	3	2.7	2	3.2	2	no	1.4	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:**	5/18/2015		
4				**F2 Scrubber (P024 & P026)**
6				**Bldg 31 Roof**
7				**Visible Emissions**
8				**Y/N**
9		**Oper**	**Time**	
10	Monday	JRC	1am	NO
12	Tuesday	JRC	12am	NO
14	Wednesday	JRC	12am	NO
16	Thursday	JRC	4am	NO
18	Friday	JRC	2am	NO
20	Saturday	BG	5am	NO
22	Sunday	BG	2am	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	NO	NO	NO	
16	NO	NO	NO	
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:**	5/18/2015	
4			
6			
7			
8			
9		**Oper**	**Time**
10	Monday	JRC	1am
12	Tuesday	JRC	12am
14	Wednesday	JRC	12am
16	Thursday	JRC	4am
18	Friday	JRC	2am
20	Saturday	BG	5am
22	Sunday	BG	2am
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	3.87	2.47	YES	NO	NO	NOP	NOP	
12	3.66	2.47	YES	NO	NO	NOP	NOP	
14	NOP	2.56	YES	NO	NO	NOP	NOP	
16	4.23	2.62	YES	NO	NO	NOP	NOP	
18	4.96	2.54	YES	NO	NO	NOP	NOP	
20	NOP	NOP	NOP	NO	NO	NOP	NOP	
22	NOP	NOP	NOP	NO	NO	NOP	NOP	
25								
26								
27								
28								