TITLE V READINGS CTO

	A	B	C	D	E	F	G
1	CTO UNIT LOG SHEET						
3	**Week of:**	5/4/2015					
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					
10		Day	JRC	NOP	NOP	NOP	NOP
11	5/4/2015	Afternoon	SHILL	NOP	NOP	NOP	NOP
12	Tuesday	Night					
13		Day	JRC	895	850	797	755
14	5/5/2015	Afternoon	SHILL	897	858	809	793
15	Wednesday	Night					
16		Day	SH	901	861	811	794
17	5/6/2015	Afternoon	SHILL	900	859	809	786
18	Thursday	Night					
19		Day	SH	898	852	803	762
20	5/7/2015	Afternoon					
21	Friday	Night	JRC	898	854	810	767
22		Day	SH	898	853	809	768
23	5/8/2015	Afternoon	JRC	900	854	820	805
24	Saturday	Night					
25		Day					
26	5/9/2015	Afternoon	JRC	897	853	807	766
27	Sunday	Night					
28		Day					
29	5/10/2015	Afternoon	JRC	902	861	819	792
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												
10	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	
11	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	
12												
13	256	0	33	46	-4.9	0.04	70.43	3	2	0.75	0.25	
14	256	0	33	51	-4.9	0.04	67	2.5	2	0.8	1	
15												
16	256	0	33	51	-4.9	0.14	65	2.5	2	0.9	1	
17	264	0	33	49	-4.9	0.04	65	2.5	2	0.8	0.7	
18												
19	264	0	33	46	-4.9	0.14	61	2.5	2	0.9	1	
20												
21	401	0	33	50	-4.95	0.04	64	3	2	0.95	0.5	
22	264	0	33	50	-4.9	0.14	74	3	2	0.9	1	
23	523	0	33	55	-4.9	0.04	60	2.5	2.5	1.1	0.5	
24												
25												
26	287	0	33	49	-4.9	0.14	65	2.5	2	1	1	
27												
28												
29	260	0	33	53	-4.9	0.03	75	2.5	2.5	1.1	0.5	
31												

TITLE V READINGS Tri-Mer

	A	B	C	D	E
1	SHIFT TRI-MER / VIRON SCRUBBER READINGS				
3	**Week of:**	5/4/2015			
4					**Viron PH**
5					
6					**Viron #2**
7					**Range**
8					**(6-11)**
9		**Shift**	**Oper**	**Time**	
10	Monday	Night			
11		Day	JRC	1pm	NOP
12	5/4/2015	Afternoon	SHILL	9PM	8.3
13	Tuesday	Night			
14		Day	JRC	9am	NOP
15	5/5/2015	Afternoon	SHILL	9PM	8.3
16	Wednesday	Night			
17		Day	SH	1:05P	NOP
18	5/6/2015	Afternoon	SHILL	9PM	8.3
19	Thursday	Night			
20		Day	SH	2PM	NOP
21	5/7/2015	Afternoon	JRC	9pm	NOP
22	Friday	Night	BG	3AM	NOP
23		Day	SH	9:30A	NOP
24	5/8/2015	Afternoon	JRC	8pm	NOP
25	Saturday	Night			
26		Day			
27	5/9/2015	Afternoon	JRC	9pm	NOP
28	Sunday	Night			
29		Day			
30	5/10/2015	Afternoon	JRC	3pm	10.3
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																	
11	NOP	10.18	11.02	11.39	0.92	2.08	3.6	109	102	93	x			x			
12	NOP	10.1	11.1	11.1	1	2.1	3.7	109	102	93	X			X			
13																	
14	NOP	10.29	10.73	11.73	1.18	1.6	3.81	110	102	94	x			x			
15	NOP	10.2	11.1	11.8	1.4	1.8	3.6	109	101	93	X			X			
16																	
17	NOP	10.2	10.9	11.7	1.3	1.7	3.7	100	100	93	X			X			
18	7.9	10.2	10.8	11.4	1.2	1.7	3.4	110	101	93	X			X			
19																	
20	8.1	10.2	11.2	10.4	1.1	1.6	3.6	100	100	93	X			X			
21	NOP	10.13	11.12	11.42	0.91	2.17	4.49	109	100	93				x			
22	NOP	10.3	11.2	11.7	1.1	2.6	3.6	109	100	94				X			
23	NOP	10.3	10.7	11.8	1	2.1	3.5	100	100	93	X			X			
24	NOP	10.2	10.87	11.71	1.25	2.2	3.28	109	102	93	x			x			
25																	
26																	
27	7.2	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP	NOP							
28																	
29																	
30	6	10.16	10.62	10.52	1.05	2.02	3.26	110	103	94	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:**	5/4/2015		
4				**RC #4 (P009) Building 16**
6				**Baghouse**
7				**4A - DP**
8				**0.3"-4.5" H2O**
9		**Oper**	**Time**	
10	Monday			
12	Tuesday			
14	Wednesday			
16	Thursday			
18	Friday			
20	Saturday			
22	Sunday			
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									
12									
14									
16									
18									
20									
22									
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:**	5/4/2015		
4				**F2 Scrubber (P024 & P026)**
6				**Bldg 31 Roof**
7				**Visible Emissions**
8				**Y/N**
9		**Oper**	**Time**	
10	Monday			
12	Tuesday			
14	Wednesday			
16	Thursday			
18	Friday			
20	Saturday			
22	Sunday			
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				
12				
14				
16				
18				
20				
22				
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:**	5/4/2015	
4			
6			
7			
8			
9		**Oper**	**Time**
10	Monday		
12	Tuesday		
14	Wednesday		
16	Thursday		
18	Friday		
20	Saturday		
22	Sunday		
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								
12								
14								
16								
18								
20								
22								
25								
26								
27								
28								