Table VII - A
Applicable Limits and Compliance Monitoring Requirements
Facility

			Future	- L	Monitoring Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	T	Effective		Requirement	Frequency	Туре	Performed?	Results
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)			
VOC	BAAQMD			Liquid balancing - resulting	None	Z	N/A	N/A	N/A
	8-5-328			liquid has TVP < 0.5 psia or					
			-	Emission Control System	BAAQMD	P-A	Source Test	N/A	N/A
				with abatement with	8-5-502				No 8-5-207
				efficiency of ≥ 90% by					Control
				weight until VOC	•				Systems in use
			•	concentration in tank ≤					
				10,000 ppm as methane					
РОС	BAAQMD			Vessel depressurization	Condition	P-E	Records	Yes	In Compliance
	8-10-301			recovered/combusted or	21060				
				contained/treated until					
				organic partial pressure <					
				4.6 psig					
	40 CFR Part 68 (RMP)		-	Equipment deficiencies	40 CFR	P	Inspection	N/A	In Compliance
				deficiencies to be corrected	68.73(e)				
				in a timely manner					

Applicable Limits and Compliance Monitoring Requirements S-4, HCl Rail Tank Car Loading, Central Loading Rack TC-1 Abated by A-199, Manufacturing Services Scrubber B-12 or S-336, Manufacturing Services Thermal Oxidizer

				6859, Part 6,			Г		
		monitor	С	Condition					
In Compliance	Yes	Temperature	For S-336:	For S-336,			1100		
				6&7	ton/hr				
		•		17985, Parts	process weight rate in	-			
		concentration	P-D	Condition	particulate, where P is			6-311	
In Compliance	Yes	Caustic	For A-199:	For A-199,	4.10 P <sup>0.67</sup> lb/hr		۲	BAAQMD	Ч
				6859, Part 6,					
•		monitor	C	Condition					
In Compliance	Yes	Temperature	For S-336:	For S-336,					
				6&7					
				17985, Parts					
		concentration	P-D	Condition				6-310	
In Compliance	Yes	Caustic	For A-199:	For A-199,	0.15 grain/dscf		×	BAAQMD	FP
				6859, Part 6,					
		monitor	C	Condition					
In Compliance	Yes	Temperature	For S-336:	For S-336,		-			
				6&7					
				17985, Parts					
		concentration	P-D	Condition	for < 3 min/hr			6-301	
In Compliance	Yes	Caustic	For A-199:	For A-199,	Ringelmann No. 1		Υ	BAAQMD	Opacity
				-	-				
		3-		~~~~			Z		
			(P/C/N)	nt Citation	Limit	Date	۲/	Limit	
Results	Performed?	Туре	Frequency	Requireme		Effective	Æ	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - B

Applicable Limits and Compliance Monitoring Requirements S-4, HCl Rail Tank Car Loading, Central Loading Rack TC-1 Abated by A-199, Manufacturing Services Scrubber B-12 or S-336, Manufacturing Services Thermal Oxidizer

				7				6	
		concentration		17985, Part	1%, wt			17985, Part	Concentration
In Compliance	Yes	Caustic	P-D	Condition	Caustic concentration ≥		Υ	Condition	Caustic
	-								
`.		- 0			w v v	~	z		
		.: -	(P/C/N)	nt Citation	Limit	Y/ Date	*	Limit	
Results	Performed?	Type	Frequency	Requireme Frequency	٠.	Effective	KE	Citation of	Type of Limit   Citation of   FE   Effective
Monitoring	Monitoring	Monitoring	Monitoring   Monitoring	Monitoring		Future			

Styrene Loading abated by A-150, Vapor Balance System All other Non-Exempt Material Loading Abated by S-336 or S-389, Thermal Oxidizers Applicable Limits and Compliance Monitoring Requirements S-5, 720 Terminalized Products **Exempt Material Loading - Unabated** Table VII - C

			Future	,	Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	Æ	Effective		Requirement	Frequency		Performed?	Results
Limit	Limit	*	Date	Limit	Citation	(P/C/N)	- p**.		
		Z		-		-	,		
Exempt	BAAQMD 8-	Υ		True vapor pressure < 0.5	BAAQMD	P-E	Records	Yes	In Compliance
liquids	6-110			psia	8-6-501.1				
VOC	BAAQMD 8-	۲		Loading into delivery	Condition	С	Temperature	Yes	In Compliance
	6-302.1			vehicle: Vapor balanced,	6859, Part 6;		monitor		
				emissions < 0.35 lbs/1000	Condition				
				gallons loaded	2039, Part 13				
VOC	BAAQMD 8-	Υ		Loading into delivery	Condition	C	Temperature	Yes	In Compliance
	6-302.2		•	vehicle or transportable	6859, Part 6;		monitor		
				container: Submerged fill	Condition				
				pipe, bottom filling, or	2039, Part 13				
				vapor loss control system,					
				emissions < 0.35 lbs/1000					
				gallons loaded					
VOC	BAAQMD 8-	<b>~</b>		Loading into storage tank	Condition	C	Temperature	Yes	In Compliance
	6-304			(2,008 to 39,630 gallons):	6859, Part 6;		monitor		
				Vapor balance or vapor loss	Condition				
				control system, emissions <	2039, Part 13				
				0.17 lbs/1000 gallons					
				loaded					
VOC	BAAQMD 8-	۲		Vapor tight, leak free, good	Condition	P-E	Inspection	Yes	In Compliance
	6-305,			working order	#11276, Parts				
	8-6-306,				5&6				
	Condition								
	11276, Part 2								

## BAAQMD BAAQMD Citation of BAAQMD BAAQMD BAAQMD 8-6-302.1 8-6-302.2 11276, Part Condition 8-6-305, 8-6-110 8-6-306, 8-6-304 Limit FE ž All Non-Exempt Material Loading Abated by S-336 or S-389, Thermal Oxidizers ~ ~ ≺ Effective Future Date Dowanol PM Loading Abated by A-153, Vapor Balance System Applicable Limits and Compliance Monitoring Requirements Vapor balance or vapor loss Vapor tight, leak free, good control system, emissions < emissions < 0.35 lbs/1000 emissions < 0.35 lbs/1000 (2,008 to 39,630 gallons): vapor loss control system container: Submerged fill True vapor pressure < 0.5 Loading into storage tank vehicle: Vapor balanced, pipe, bottom filling, or vehicle or transportable 0.17 lbs/1000 gallons Loading into delivery Loading into delivery All other Exempt Materials: Loading Unabated working order gallons loaded gallons loaded Limit S-6, 725 Terminalized Products Table VII - D Requirement #11276, Parts 2039, Part 13 2039, Part 13 6859, Part 6; 2039, Part 13 6859, Part 6; Monitoring 6859, Part 6; Condition BAAQMD Condition 8-6-501.1 Condition Condition Condition Condition Condition Citation 5 & 6 Monitoring Frequency P/C/N) P-E P-E O a C Monitoring Temperature Temperature Temperature Inspection monitor monitor monitor Records Type

ğ

In Compliance

Ϋ́es

In Compliance

Yes

In Compliance

Exempt liquids

VOC

Voc

Limit Type of

> Performed? Monitoring

Monitoring Results

8

Yes

In Compliance

Yes

In Compliance

VOC

## Table VII - E Applicable Limits and Compliance Monitoring Requirements S-7, 725 Block Truck Loading S-482, Carbon Tetrachloride Rail Car Loading Each Abated by S-336 or S-389, Thermal Oxidizers

			Future		Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	Æ	Effective		Requirement	Frequency		Performed?	Results
Limit	Limit	ΥN	Date	Limit	Citation	(P/C/N)			
Exempt	BAAQMD	۲		True vapor pressure < 0.5	BAAQMD	P-E	Records	Yes	In Compliance
liquids	8-6-110			psia	8-6-501.1				
VOC	BAAQMD	۲		Loading into delivery	Condition	C	Temperature	Yes	In Compliance
	8-6-302.1			vehicle: Vapor balance or	6859, Part 6;		monitor		
				vapor loss control system	Condition				
				with emissions < 0.35	2039, Part 13				
				lbs/1000 gallons loaded					
VOC	BAAQMD	۲		Loading into delivery	Condition	. c	Temperature	Yes	In Compliance
	8-6-302.2			vehicle or transportable	6859, Part 6;		monitor		
				container: Submerged fill	Condition				
				pipe, bottom filling, or	2039, Part 13				
				vapor loss control system					
				with emissions < 0.35					
				lbs/1000 gallons loaded					
VOC	BAAQMD	<b>~</b>		Loading into storage tank	Condition	С	Temperature	Yes	In Compliance
-	8-6-304			(2,008 to 39,630 gallons):	6859, Part 6;		monitor		
		•		Vapor balance or vapor loss	Condition				
				control system with	2039, Part 13				
				emissions < 0.17					
				pounds/1000 gallons loaded					
VOC	BAAQMD	~		Vapor tight, leak free, good	Condition	P-E	Inspection	Yes	In Compliance
	8-6-305,			working order	#11276, Parts				
	8-6-306,				5&6				
	Condition								
	11276, Part						· · · · · · · · · · · · · · · · · · ·		
	2								

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S-25, Material Flow Latex Tank, T-734
Abated by A-151, Vapor Balance System for Styrene Unloading

requirement  Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia	BAAQMD 8-5-501	BAAQMD P/E 8-5-501
	P/E	P/E Records
P/E		Records
	Records	

BAAQMD 8-5-328.1.2 8-5-328.1.1 BAAQMD Citation of BAAQMD 8-5-306 Limit Y/N ≺ Future Effective Date Tank cleaning control by liquid balancing in which the resulting organic liquid Concentration of < 10,000 Control device standards; includes 95% efficiency Each Abated by S-336 or S-389, Thermal Oxidizers has a TVP less than 0.5 ppm as methane after requirement cleaning Limit S-30, Material Flow Tank T-608B Conditions 2039, part 13, and 6859, part Requirement BAAQMD 8-5-503 BAAQMD Monitoring BAAQMD 8-5-501 Citation Monitoring Frequency (P/C/N) S-30: P/E S-27: P/E S-30: P/E S-27: P/E S-30: C S-27: C Monitoring Type

Temperature

Yes

In Compliance

compliance period

compliance period

during this

Unit out of service

Unit out of service

N/A

during this

Monitoring Performed?

Monitoring Results

monitoring

Records

Unit out of service

Unit out of service

N/A

N/A

compliance period

compliance period

during this

during this

Temperature monitoring

Voc

VOC

hydrocarbon

detector

Portable

<del>గ్ర</del>జ

In Compliance

hydrocarbon

Unit out of service

Unit out of service

N/A

N/A

detector

compliance period

compliance period

during this

during this

Portable

Records

Yes

In Compliance

Applicable Limits and Compliance Monitoring Requirements S-27, T-605A Terminalized Products Table VII – G

Type of

8

Page 9 of 124

06/17/2013

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S-27, T-605A Terminalized Products
S-30, Material Flow Tank T-608B
Each Abated by S-336 or S-389, Thermal Oxidizers

In Compliance	Yes	Temperature monitoring	S-30: C						
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period  N/A Unit out of service during this compliance period	Temperature monitoring	S-27: C	BAAQMD Conditions 2039, part 13, and 6859, part 6	When not operated as a pressure tank - Control device standards; includes 95% efficiency requirement		Υ	NSPS Subpart Kb 60.112b (a)(3)(ii)	VOC
In Compliance	Yes	Inspection using Method 21	S-30: P/Q		exceed 500 ppmv above background.				
Unit out of service during this compliance period	service his period	Method 21	,	8-18-401	emission control system - cmission control system leak Closed vent system leak tightness standards, VOC concentrations shall not		<b>-</b>	Subpart Kb 60.112b (a)(3)(i)	Ś
Monitoring Results	Monitoring Performed?	Monitoring Type	Monitoring Frequency (P/C/N) S-27: P/O	Monitoring Requirement Citation BAAOMD	Limit When operated with	Future Effective Date	ζ YN EE	Citation of Limit	Type of Limit

## Applicable Limits and Compliance Monitoring Requirements Table VII – H

S-28, T-605B Material Flow

S-36, N-Serve Plant Storage

S-45, T-1 N-Serve

S-56, T-31 N-Serve

S-57, T-32 N-Serve

S-61, T-780 N-Serve

S-62, T-781 N-Serve

S-63, T-782 N-Serve

S-222, Latex Plant - Hydroxyethyl Acrylate Storage, T-3

S-345, T-1 Vikane Plant - Storage Tank S-346, T-241

S-382, N-Serve Unit Storage T-783

S-383, Petroleum Hydrocarbon Distillate Tank

S-372, T-20 Block 560 Storage Tank, Abated by S-400, Experimental Thermal Oxidizer R-901

S-407, T-728 N-Serve Formulation Tank

S-447, T-774

S-466, Plant 663 T-408A Intermediate Product Storage S-467, Plant 663 T-408B Intermediate Product Storage

S-498, Sym Tet T-102 Storage Tank

	Monitoring Type	
nitor equer P/E	ing ing Monitoring	

Applicable Limits and Compliance Monitoring Requirements Table VII – I

Each Abated by S-336 or S-389, Thermal Oxidizers S-29, T-608 Terminalized Products, S-31, T-609 Terminalized Products, S-33, T-727 Terminalized Products, S-151, T-614 Terminalized Products, S-153, T-604 Terminalized Products S-35, T-773 Terminalized Products,

					]	_				7							$\neg$			_						
		VOC			VOC				(	VOC							VOC					V0C	Limit	Type of		
	8-5-403.1	BAAQMD		8-5-328.1.2	BAAQMD			4	8-5-328.1.1	BAAOMD						8-5-307	BAAQMD				8-5-306	BAAQMD	Limit	CIDATION OF		
		۲			Υ				ı	Υ							~					A	Y/Z	FΕ		
																							Date	Effective	Future	
	be gas tight	Pressure vacuum valves to	cleaning	ppm as methane after	Concentration of < 10,000	psia	has a TVP less than 0.5	the resulting organic liquid	liquid balancing in which	Tank cleaning control by	pressure	exceeds the valve set	when operating pressure	tight condition except	be maintained in a gas	PRD on blanketed tanks to	Sealing mechanism on		100	requirement	includes 95% efficiency	Control device standards;	Limit			
	8-5-403.1	BAAQMD		8-5-503	BAAQMD				8-5-501	BAAQMD						8-5-307.3	BAAQMD	6;	and 6859, part	2039 part 13.	Conditions	BAAQMD	Citation	Requirement	Monitoring	-
		P/Semi-A			P/E					P/E							P/Q					C	(P/C/N)	Frequency	Monitoring	
detector	hydrocarbon	Portable	detector	hydrocarbon	Portable					Records						Method 21	Inspection using			d	Monitoring	Temperature	Monitoring Type			٠.
		Yes			Yes					Yes							Υes					Yes	Performed?	Monitoring	-	
-		In Compliance			In Compliance					In Compliance							In Compliance					In Compliance	Monitoring Results	-		

Page 12 of 124

Applicable Limits and Compliance Monitoring Requirements Table VII – I

S-29, T-608 Terminalized Products, S-31, T-609 Terminalized Products, S-33, T-727 Terminalized Products,

S-151, T-614 Terminalized Products, S-35, T-773 Terminalized Products,

S-153, T-604 Terminalized Products

Each.
Ė
¥
at
ed
Ş
Š
S-336
36
Or.
S
S-389
S-389, Thermal
Ъ
er
ma
_
Ž.
Oxidize
zer
Ø

VOC	Type of Limit
BAAQMD Condition# 11276, part 2	Citation of Limit
~	FE Y/N
	Future Effective Date
No detectible organic emissions	Limit
BAAQMD 8-18-401	Monitoring Requirement Citation
P/Q	Monitoring Frequency (P/C/N)
Inspection using Method 21	Monitoring Type
Υœ	Monitoring Performed?
In Compliance	Monitoring Results

Table VII - J
Applicable Limits and Compliance Monitoring Requirements
S-40, Water Treatment HCl Storage T-24
Abated by A-175, Utilities T-24 Scrubber

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	FE	Effective		Requirement	Frequency	Туре	Performed?	Results
Limit	Limit	ΥN	Date	Limit	Citation	· (P/C/N)			
Opacity	BAAQMD	Υ		Ringelmann No. 1	None	Z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	۲		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					

06/17/2013

Table VII - K
Applicable Limits and Compliance Monitoring Requirements
S-44, N-Serve Plant
Abated by S-389, Sym-Tet Thermal Oxidizer R-501 or
Abated by A-88, B-106 Sym-Tet Scrubber or
Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Tet

Citation of FE   Effective   Limit   Monitoring   Performed?					None					
Citation of FE         Effective Effective Limit         Limit V/ Date         Limit Limit         Monitoring Requirement Prequency (PC/N)         Monitoring Type (Monitoring Prequency)         Monitoring Monitoring Prequency         Monitoring Monitoring Monitoring Monitoring Preparation         Monitoring Monitoring Preparation         Monitoring Monitoring Monitoring Preparation         Monitoring Monitoring Preparation         Monitoring Monitoring Preparation         Preparation<					For A-88/ A-89:					
Citation of FE         Future Effective Limit         Limit V/ Date         Limit Limit         Monitoring Citation         Monitoring Prequency (P/C/N)         Monitoring Type Performed?         Monitoring Prequency Type Performed?         Monitoring Prequency Type Performed?         Monitoring Performed?           Limit V/ Date         Limit Citation (P/C/N)         Condition (P/C/N)         Type Performed?           BAAQMD Y         Ringelmann No. 1 For S-389: Condition 2039, Part 13 A-88/89: N N/A Part 13 A-88/89: N N/A N/A N/A N/A N/A N/A S/N-85/N-199: Part 13 A-88/89: N N/A Part 14: N/A N/A N/A N/A N/A S/N-85/N-199: Condition Con	N/A	N/A	N/A	A-88/89: N	Part 13	ppm total carbon, dry				
Citation of FE Limit         Future V. Date         Limit V. Date         Monitoring Requirement Limit         Monitoring (P/C/N)         Monitoring Performed?         Monitoring Requency (P/C/N)         Monitoring Performed?         Performad?         Monitoring Performed?         Performad?         Monitoring Performed?         Performad?			monitor		Condition 2039,	pounds/day and ≤ 300		<u> </u>	8-2-301	
Citation of FE   Effective   Limit   V/   Date   Limit   V/   Date   Limit   V/   Date   Limit   Citation   (P/C/N)   Type   Performed?	In Compliance	Yes	Temperature	S-389: C	For S-389:	Emissions ≤ 15		~	BAAQMD	POC
Citation of FE Limit         Future V Pate Limit         Monitoring Citation         Monitoring Fequency Frequency F						ton/hr				
Citation of Limit         FE Effective Limit         Amonitoring Requirement Frequency         Monitoring Prequency         Prepart Is         For S-389: C Imperature         Prepart Is         A-88/9: N         N/A						process weight rate in				
Citation of EL initic         Future Future         Monitoring Requirement         Monitoring Frequency         Monitoring Monitoring Frequency         Monitoring				Above		particulate, where P is			6-311	
Citation of FE Limit         Future V/V         Date Date         Limit Limit         Feron For S-389: C Part I3         Monitoring Requirement Frequency For S-389: C Part I3         Monitoring Requirement Frequency For S-389: C Part I3         Monitoring Part I3	In Compliance	Yes	Same as Above		Same as Above	4.10 P <sup>0.67</sup> lb/hr		~	BAAQMD	FP
Citation of FE         FE Effective Limit         Monitoring Requirement (PIC/N)         Monitoring Requirement Frequency         Monitoring Monitoring (Monitoring Requirement)         Monitoring Requirement Frequency         Monitoring Monitoring Monitoring Requirement         Monitoring Requirement         Frequency Frequency         Type Performed?           Limit         Y/         Date         Limit         Citation (PIC/N)         Type         Performed?           BAAQMD         Y/         Date         Limit         For S-389: Condition 2039         Temperature Yes         Yes           BAAQMD         Y/         Requirement Frequency (PIC/N)         Part 13         A-88/89: N         N/A         N/A           For A-88/A- S9: None         For A-88/A- S9: None         S9: None         Por S-434 or A- A-199: P-D         Caustic Yes           Condition         Condition         Condition         A-199: P-D         Concentration         Yes           BAAQMD         Y         0.15 grain/dscf         Same as Above         Same as Above         Yes				Above					6-310	
Citation of EL Effective Limit         Future Wind Limit         Monitoring Requirement         Monitoring Frequency         Monitoring Monitoring Frequency         Monitoring Monitoring Frequency         Monitoring Monitoring Performed?           Limit         Y/         Date         Limit         Citation         (P/C/N)         Type         Performed?           BAAQMD         Y         Ringelmann No. 1         For S-389: Condition 2039, For A-88/9: N         Temperature         Yes           6-301         For S-389: None         For A-88/A-199: P-D         N/A         N/A           For S-434 or A-199: P-D         Caustic Concentration         Yes           Condition         17985, Parts 7         Concentration	In Compliance	Υœ	Same as Above	Same as	Same as Above	0.15 grain/dscf		×	BAAQMD	FP
Citation of ELimit         FE Effective Limit         Monitoring Monitoring         Monitoring Monitoring         Monitoring Monitoring         Monitoring Monitoring         Monitoring Monitoring           Limit         Y/         Date         Limit         Citation         (P/C/N)         Type         Performed?           BAAQMD         Y         Ringelmann No. 1         For S-389: Condition 2039.         S-389: Condition         Temperature         Yes           6-301         Part 13         A-88/89: None         N//A         N//A         N//A           Part 13         For A-88/A-1         S9: None         S9: None         S9: None         Condentration           Beach of the contraction of					17985, Parts 7					
Citation of Limit         FE Effective Limit         Monitoring Requirement         Monitoring Frequency         Monitoring Type         Monitoring Performed?           Limit         V/V         Date         Limit         Citation         (P/C/N)         Type         Performed?           BAAQMD         Y         Ringelmann No. 1         For S-389: C Condition 2039, monitor         Temperature         Yes           6-301         For A-88/A-         Part 13         A-88/89: N         N/A         N/A           For A-88/A-         For A-88/A-         S9: None         Concentration         Yes           For S-434 or A-         A-199: P-D         Caustic Concentration         Yes					Condition					
Citation of ELimit         Future Future         Monitoring Requirement         Monitoring Frequency         Monitoring Frequency         Monitoring Frequency         Monitoring Type         Monitoring Performed?           Limit         Y         Date         Limit         Citation         (P/C/N)         Type         Performed?           BAAQMD         Y         Ringelmann No. 1         For S-389:         S-389: C         Temperature         Yes           6-301         For S-3 min/hr         Condition 2039, Part 13         A-88/89: N         N/A         N/A           89: None         S9: None         89: None         Caustic         Yes			concentration		87/A-85/A-199:					
Citation of FE Limit         Future Future         Monitoring Requirement         Monitoring Frequency         Monitoring Frequency         Monitoring Frequency         Monitoring Frequency         Monitoring Frequency         Monitoring Performed?           Limit         Y         Date         Limit         Citation         (P/C/N)         Type         Performed?           BAAQMD         Y         Ringelmann No. 1         For S-389: Condition 2039, For S-389: Condition 2039, For A-88/9: N         Temperature Yes         Yes           6-301         For A-88/A-         For A-88/A-         N/A         N/A         N/A	In Compliance	Yes	Caustic		For S-434 or A-					
Citation of FE Effective Requirement Frequency Type Performed?  Limit V/ Date Limit Citation (P/C/N)  N Ringelmann No. 1 For S-389: C Temperature Yes 6-301 For S-3 min/hr Part 13 A-88/89: N N/A N/A  For A-88/A-  Monitoring Monitori					89: None					
Citation of FE Effective Limit V/ Date Limit Citation N/A  BAAQMD Y Ringelmann No. 1 For S-389: C Temperature Yes for <3 min/hr Condition 2039, A-88/89: N N/A N/A  Part 13 A-88/89: N Monitoring Moni					For A-88/ A-					
Citation of Limit       FE Effective Limit       Monitoring Requirement       Monitoring Frequency       Monitoring Monitoring Performed?       Monitoring Requirement       Monitoring Frequency       Monitoring Monitoring Performed?         Limit       V/       Date       Limit       Citation       (P/C/N)       Performed?         BAAQMD       Y       Ringelmann No. 1       For S-389:       S-389: C       Temperature       Yes         6-301       for < 3 min/hr	N/A	N/A	N/A	A-88/89: N	Part 13					
Citation of FE Effective Requirement Frequency Type Performed?  Limit V/ Date Limit Citation (P/C/N)  N Ringelmann No. 1 For S-389: C Temperature Yes			monitor		Condition 2039,	for < 3 min/hr			6-301	
Citation of FE Effective Requirement Frequency Type Performed?  Limit Y/ Date Limit Citation (P/C/N)	In Compliance	Yes	Temperature	S-389: C	For S-389:	Ringelmann No. 1		~	BAAQMD	Opacity
Citation of FE Effective Requirement Frequency Type Performed?  Limit Y/ Date Limit Citation (P/C/N)	-		,			-		Z		
Citation of FE Effective Requirement Frequency Type Performed?	-	2		(P/C/N)	Citation	Limit	Date	Υ.	Limit	
Monitoring Monitoring Monitoring	Results	Performed?	Type	Frequency	Requirement	-	Effective	ŦE	Citation of	Type of Limit
	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	-	Future			

Applicable Limits and Compliance Monitoring Requirements Abated by S-389, Sym-Tet Thermal Oxidizer R-501 or S-44, N-Serve Plant Table VII - K

			Abate	Abated by A-88, B-106 Sym-Tet Scrubber or Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Te	8, B-106 Syn mergency Vo	n-Tet Scruk enturi at N-	ber or Serve/Sym-Te	<del></del>	
			Future		Monitoring	Monitoring Monitoring Monitoring	Monitoring	Monitoring	Monitoring
ype of Limit	Citation of	Æ	FE Effective		Requirement	Frequency	Type	Performed?	Results
	Limit	<b>Y</b> /	Date	Limit	Citation	(P/C/N) ·		·	
		Z							
РОС	BAAQMD	Υ		Vessel	Condition	P-E	Records	Yes	In Compliance
	8-10-301			depressurization	21060, Part 1				
			_	recovered/combusted					
				or contained/treated					

until organic partial pressure < 4.6 psig

Type of

Table VII – L

Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank < 75m³ with submerged fill]

S-55, T-30 N-Serve

S-408, T-723 Terminalized Products

. اد	-,J
	Type of Limit
BAAQMD 8-5-307	ľ
~	FE Y/N
	Future FE Effective Y/N Date
< 100 ppm (expressed as methane) above background	Limit
BAAQMD 8-18-401	Monitoring Monitoring Requirement Frequency Citation (P/C/N)
P/Q	Monitoring Frequency (P/C/N)
Method 21 Inspection	Monitoring Type
Yes	Monitoring Performed?
In Compliance	Monitoring Results

N/A

N/A

Applicable Limits and Compliance Monitoring Requirements Table VII - M

Facility Name: Dow Chemical Company Permit for Facility #: A0031

S-135, HCl Storage Tank T-606A

S-136, HCl Storage Tank T606B

S-137, HCl Storage Tank T606C

S-139, HCl Storage Tank T-606E S-138, HCl Storage Tank T606D

S-140, HCl Storage Tank T-606F

Abated by A-18, Hydrochloric Acid Storage Tanks Scrubber

Opacity

BAAQMD

~

Ringelmann No. 1

Limit

Requirement Monitoring

Results

N/A

Citation

None

Z

6-301

Ŧ

BAAQMD

<

0.15 grain/dscf for < 3 min/hr

None

Z

FP

BAAQMD

≺

4.10 P 0.67 lb/hr particulate,

None

Z

where P is process weight

rate in ton/hr

6-310

6-311

HCI

<

63.9005(d);

NNNN Subpart

calibrated according to site-

Monitoring equipment

None

annual

specific monitoring plan

63.9040(c)

Type of Limit

Citation of

Effective Future

Limit

XX Ŧ

Date

Table VII - N
Applicable Limits and Compliance Monitoring Requirements
S-174, Gasoline Dispensing Facility

VOC	VOC	VOC	VOC	VOC	VOC	VOC	Type of Limit
BAAQMD Regulation 8-7-302.14	BAAQMD Regulation 8-7-302.13	BAAQMD Regulation 8-7-302.12	BAAQMD Regulation 8-7-302.8	BAAQMD Regulation 8-7-302.5	BAAQMD Regulation 8-7-301.10	BAAQMD Regulation 8-7-301.6	Citation of Limit
Y	Y	У	Y	Υ	Υ	Y	FE Y/N
6/1/2003							Future Effective Date
Balance Phase II Vapor Recovery: dynamic backpressure meets CARB Executive Order, or if not specified ≤ 0.15, 0.45, 0.95 inches water when measured at N2 flows of 20, 60, 100 cfh	Spitting from nozzles \leq 1.0 mL/nozzle/test or the quantity specified by CARB Procedure CP-201, whichever is less	Spitting from nozzles ≤ 100 mL/1000 gallons dispensed or the quantity specified by CARB Procedure CP-201, whichever is less	Liquid removal devices required by CARB: liquid removal rate ≥ 5 mL/gallon dispensed for dispensing rates > 5 gallons/minute or as otherwise specified	Phase II system shall be maintained leak free, vapor tight	98% or highest CARB vapor recovery rate	All Phase I Equipment (except components with allowable leak rates) shall be leak free (\le 3 drops/minute) and vapor tight	Limit
BAAQMD 8-7-302.14	None	None	None	None	None	BAAQMD Regulation 8- 7-301.13 and 8-7-503.2	Monitoring Requirement Citation
z	z	z	Z	z	Z	P/A	Monitoring Frequency (P/C/N)
N/A	N/A	N/A	N/A	N/A	N/A	Static Pressure Performance Test, ST-30	Monitoring Type
N/A	N/A	N/A	N/A	N/A	N/A	Yes Test date – 04/12/13	Monitoring Performed?
N/A	N/A	N/A	NA	N/A	N/A	In Compliance	Monitoring Results

Table VII – N

Applicable Limits and Compliance Monitoring Requirements
S-174, Gasoline Dispensing Facility

			Future		Monitoring	Monitoring	Monitoring Monitoring Type	Monitoring	Monitoring
Type of	Citation of	FE	Effective	-	Requirement	Frequency		Performed?	Results
Limit	Limit	Ϋ́Z	Date	Limit	Citation	(P/C/N)			
VOC	Condition	z		20,000 gallons/12 months	BAAQMD	P-M	Records	Υœ	In Compliance
	24289				8-7-503.1				
VOC	Condition	۲		Drop tube/drain valve leak	BAAQMD	P- once	Drop tube/drain	Υœ	In Compliance
	#20666,			rate not to exceed 0.17 CFH   Regulation 8-	Regulation 8-	every 36	valve leak (CARB	Test date -	
	Part 1			@ 2" H <sub>2</sub> O; minimum 360°	7-503.2;	months	TP 201.1C or	04/12/13	
				rotation with maximum 108	BAAQMD		201.1D) and		
				pound-inch torque	Condition		torque test (CARB		
					#20666, Part		TP 201.1B)		
					2				

Applicable Limits and Compliance Monitoring Requirements S-176, Chloralkali Cooling Tower H-1A, Abated by A-30, Chloralkali Mist Eliminator S-177, Chloralkali Cooling Tower H-1B, Abated by A-31, Chloralkali Cooling Tower H-2A, Abated by A-32, S-178, Chloralkali Mist Eliminator S-179 Chloralkali Cooling Tower H-2B, Abated by A-33, Chloralkali Mist Eliminator

					rate in ton/hr				
				-	where P is process weight			6-311	
N/A	N/A	N/A	Z	None	4.10 P 0.67 lb/hr particulate,		Y	BAAQMD	FP
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		Y	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. I		Y	BAAQMD	Opacity
			(P/C/N)	Citation	Linit	Date	NA	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	HE	Citation of FE Effective	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring Monitoring		Future			

Table VII – P
Applicable Limits and Compliance Monitoring Requirements
S-198, Latex Plant Process Recycle Tank, T-366
S-199, Latex Plant Process Tank, T-367
S-226, Latex Plant Process Tank, T-364
S-421, Latex Plant Process Recycle Tank, T-368
S-491, T-363

Each Abated by A-42, B-368 Latex Plant Styrene Scrubber, followed by S-336 or S-389, Thermal Oxidizers

compliance period	compliance period								
during this	during this			16610 Part 8				16610 Part 4	
Unit out of service	Unit out of service			Condition #	from A-42 $\leq$ 346 lb/day			Condition #	
N/A	N/A	Records	P/E	BAAQMD	Total organic emissions		Υ	BAAQMD	VOC
compliance period	compliance period				with 8-36-301.1				
during this	during this			16610 Part o	tanks and blending tanks at				
Unit out of service	Unit out of service	Concentration			resin reactors, thinning			8-36-301.2	
N/A	N/A	Styrene	P/D	BAAQMD	< 10 lb/day POC from all		Υ	BAAQMD	VOC
combitance benoa	combination berion			6859 Part 6					
compliance period				and Condition					
during this	during this			2039, Part 13					
Unit out of service	Unit out of service	Monitoring		Condition	with 8-36-301.2			8-36-301.1	
N/A	N/A	Temperature	C	BAAQMD	95% control or compliance		~	BAAQMD	VOC
Monitoring Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
	Monitoring		Frequency	Requirement	· .	Effective	F	CITATION OF	Type of
		-	Monitoring	Monitoring	-	Future		Charles	
			ang.						
		_		1					

Table VII – Q
Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank < 75m³]
S-207, T-5 Latex Plant
S-208, T-6 Latex Plant

compliance period   compliance period	compliance period								
during this	during this	detector			cleaning				
Unit out of service Unit out of service	Unit out of service	hydrocarbon		8-5-503	ppm as methane after			8-5-328.1.2	
N/A	N/A	Portable	P/E	BAAQMD	Concentration of < 10,000		~	BAAQMD	V0C
compliance period compliance period	compliance period				psia				
during this	during this				the resulting organic liquid				
Unit out of service	Unit out of service			8-5-501	liquid balancing in which			8-5-328.1.1	
N/A	N/A	Records	P/E	BAAQMD	Tank cleaning control by		~	BAAQMD	νος
compliance period	compliance period								
during this	during this		•		background				
Unit out of service	Unit out of service	Inspection		8-18-401	methane) above			8-5-307	
N/A	N/A	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		Υ	BAAQMD	V0C
Monitoring Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
; ;	Monitoring		Frequency	Requirement		Effective	FE	Citation of	Type of
			Monitoring	Monitoring	•	Future			
	,	- 4	-,.	1.	-				
		I		7	200000000000000000000000000000000000000				

Table VII – R
Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank storing liquids with vp < 0.5 psia]
S-209, T-1 Latex Plant

period	period								
compliance	compliance								
this	this								
service during	service during			#21059, Pan 2	psia			#21059, Part 1	
Unit out of	Unit out of			Condition	pressure ≤ 0.5			Condition	
N/A	N/A	Records	P/E	BAAQMD	Vapor		Y	BAAQMD	VOC
period	period								
compliance	compliance				0				
this	this				hackeround				
service during	service during				methane)				
Unit out of	Unit out of	Inspection		18-401	(expressed as			5-307	
N/A	N/A	Method 21	P/Q	BAAQMD 8-	< 100 ppm		Υ	BAAQMD 8-	VOC
Results	Performed?	Type	(P/C/N)	Citation	Limit	Date	FE Y/N	Limit	Type of Limit
Monitoring	Monitoring	Monitoring	Frequency	Requirement		Effective		Citation of	
		***************************************	Monitoring	Monitoring		Future			

Table VII - S

Applicable Limits and Compliance Monitoring Requirements
S-229, Latex Plant Tank Car Unloading (Butadiene) RM-1

Abated by Vapor Balance System

this compliance period	compliance period			1 & 2					
Onit out of	Unit out of service	Inspection		21061, Parts	working order			8-6-306	
N/A	N/A	Method 21	P-E	Condition#	Vapor tight, leak free, good		~	BAAQMD	VOC
					pounds/1000 gallons loaded				
					emissions < 0.17				
period					control system with				
this compliance	compliance period			1 & 2	Vapor balance or vapor loss				
service during	during this	Inspection		21061, Parts	(2,008 to 39,630 gallons):			8-6-304	
N/A	N/A	Method 21	P-E	Condition#	Loading into storage tank		Υ	BAAQMD	70V
					pounds/1000 gallons loaded				
					with emissions < 0.35				
					vapor loss control system				
period	,				pipe, bottom filling, or				
this compliance	compliance period		_	1 & 2	container: Submerged fill		•		
service during	during this	Inspection		21061, Parts	vehicle or transportable			8-6-302.2	
N/A	N/A	Method 21	P-E	Condition#	Loading into delivery		~	BAAQMD	VOC
					pounds/1000 gallons loaded				
period	,				with emissions < 0.35			·	
this compliance	compliance period			1 & 2	vapor loss control system				
service during	during this	Inspection		21061, Parts	vehicle: Vapor balance or			8-6-302.1	_
N/A	N/A	Method 21	P-E	Condition#	Loading into delivery		~	BAAQMD	70V
			(P/C/N)	Citation	Limit	Date	Υ'n	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	Ŧ	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

	-				rate in ton/hr				
					where P is process weight			6-311	
N/A	N/A	N/A	z	None	4.10 P 0.67 lb/hr particulate,		Υ	BAAQMD	FP
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		У	BAAQMD Y	FP
				1, 2					
	-			#20826, Parts	for $< 3 \min/hr$			6-301	
In Compliance	Yes	Visual Check	P-E	Condition	Ringelmann No. 1		~	BAAQMD	Opacity
-			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
1? Results	Performed?	Туре	Frequency	Requirement	-	Effective	HE	Citation of	Type of
g Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - U
Applicable Limits and Compliance Monitoring Requirements
S-308, Fumigants Cylinder Paint Booth C-11
Abated by A-203, Carbon Adsorber)

		concentration			propane				
		NMOC exhaust		6, 7	when NMOC exhaust			S	
_		measurement of		20301, Parts	gallons coating used or			20301, Part	
In Compliance	Yes	Records;	P-D	Condition	Carbon replacement at 1450		۲	Condition	VOC
				20301, Part 7	in A-203			20301, Part 4	
In Compliance	Yes	Records	P-E	Condition	Minimum 8000 lbs carbon		Υ	Condition	VOC
				20301, Part 7	lbs/gallon			20301, Part 2	
In Compliance	Yes	Records	P-E	Condition	Coating content 0.8		Ч	Condition	VOC
				20301, Part 7	months			20301, Part 1	
In Compliance	Yes	Records	₽-D	Condition	Coating 14,400 gallons/12		Υ	Condition	VOC
					equipment is used.				
					cleanup only if collection				
					for spray equipment				
				8-19-501.1	containing materials; VOC			8-19-320	
In Compliance	Yes	Records	Р-М	SIP	Closed containers for VOC		~	SIP	VOC
					with BAAQMD 8-16				
					spray gun washer compliant				
				- <del></del>	dispose of offsite or use a				
				<del>. =</del>	and recycle or properly				
					pounds/gallon or collect	-			
				8-19-501.1	content < 0.42			8-19-320.2	
In Compliance	Yes	Records	P-M	BAAQMD	Cleanup solvent VOC		z	BAAQMD	VOC
				8-19-501.2	water				
				8-19-501.1,	pounds/gallon, excluding			8-19-302	
In Compliance	Yes	Records	P-W	BAAQMD	VOC content ≤ 2.8		Υ	BAAQMD	V0C
		- X- X-	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?		Frequency	Requirement	-	Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

S-312, Fumigants Cylinder Valve Removal Area Dow C-8 (FUTURE Abatement System: Abated by A-201, Venturi Scrubber or A-204, Sulfuryl Fluoride Recovery System) Applicable Limits and Compliance Monitoring Requirements S-311, Fumigants Gas Cylinder Handling Area C-9 Table VII - V

					≤ 101 psia			4	
		Valves		20302, Part 5	Coolant pressure at H-180 20302, Part 5			20302, Part	Fluoride
In Compliance	Yes	Automated Control	C	Condition	During venting to A-204,		z	Condition	Sulfuryl
		Valves			psia or less				
		Automated Control			depressurization line 23			Parts 1, 2	
		Procedures or		20302, Part 3	pressure in			20302,	Fluoride
In Compliance	Yes	Operating	P or C	Condition	Abatement required until		z	Condition	Sulfuryl
			(P/C/N)	Citation	Limit	Date	Υ'N	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FE	Citation of FE	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring Monitoring		Future			

Table VII - W
Applicable Limits and Compliance Monitoring Requirements
S-314, Fumigants Paint Booth F-2

	-		Future		Monitoring Monitoring Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	FE	Effective	-	Requirement	Frequency		Performed?	Results
Limit	Limit	N/X	Date	Limit	Citation	(P/C/N)			
VOC	BAAQMD	۲		VOC content ≤ 2.8	BAAQMD	P-W	Records	Yes	In Compliance
	8-19-302			pounds/gallon, excluding	8-19-501.1,				
				water	8-19-501.2				
VOC	BAAQMD	z		Cleanup solvent VOC	BAAQMD	P-M	Records	Yes	In Compliance
	8-19-320.2			content < 0.42	8-19-501.1				
				pounds/gallon or collect					
				and recycle or properly		-			
				dispose of offsite or use a					
			_	spray gun washer compliant					
				with BAAQMD 8-16					
VOC	SIP	<b>Y</b>		Closed containers for VOC	SIP	P-M	Records	Yes	In Compliance
	8-19-320	,		containing materials; VOC	8-19-501.1				
			•	for spray equipment					
				cleanup only if collection					
				equipment is used.					

Table VII - X
Applicable Limits and Compliance Monitoring Requirements
S-323, Dryer, D-605A
S-324, Dryer, D-609
S-535, Portable Dryer, D-605B

Each abated by S-336, Manufacturing Services Thermal Oxidizer

				2039, Part 13	C02		_	-	_
				Condition	organic carbon oxidized to				
		monitor		6859, Part 6;	weight and ≥ 90% of			8-1-110.3	
In Compliance	Yes	Temperature	С	Condition	VOC abated ≥ 85% by		Y	BAAQMD	VOC
~			(P/C/N)	Citation	Limit	Y/N Date	ΥN	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type		Monitoring Monitoring		Future			

S-336, Manufacturing Services Thermal Oxidizer Abated by A-86, B14A & B Karbate Acid Absorber > A-21, B-15 Manufacturing Services Scrubber > A-54, B-15 Applicable Limits and Compliance Monitoring Requirements Demister > A-72, B-16 Caustic Scrubber in series Table VII - Y

	08/17/09		5 years	6859, Part 8				6859, Part 3	
In Compliance	Υœ	Source Test	P- once every	Condition	NOx ≤ 8.6 lbs/day as NO2		<b>~</b>	Condition	NOx
				6859, Part 5				6859, Part 1	waste
In Compliance	Yes	Records	Р-Н	Condition	Feed rate ≤ 650 lbs/hour		~	Condition	Liquid
					300 ppm, dry				
					weight or do not emit SO2 >			9-1-304	
N/A	N/A	N/A	z	None	Sulfur content ≤ 0.5% by		γ	BAAQMD	SO2
					for 24 hrs				
					ppm for 60 min; 0.05 ppm				
					0.5 ppm for 3 min; 0.25			9-1-301	
N/A	N/A	N/A	z	None	ground level concentrations		Υ	BAAQMD	SO2
					dry				
		monitor		6859, Part 6	and ≤ 300 ppm total carbon,			8-2-301	
In Compliance	Yes	Temperature	С	Condition	Emissions ≤ 15 pounds/day		Υ	BAAQMD	РОС
					rate in ton/hr				
					where P is process weight			6-311	_
N/A	N/A	N/A	z	None	4.10 P 0.67 lb/hr particulate,		A	BAAQMD	РP
								6-310	
N/A	N/A	N/A	Z	None	0.15 grain/dscf		A	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	Z	None	Ringelmann No. 1		۲	вааQMD	Opacity
			(P/C/N)	Citation	Limit	Date	XX.	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	-12.	Future			

S-336, Manufacturing Services Thermal Oxidizer Abated by A-86, B14A & B Karbate Acid Absorber > A-21, B-15 Manufacturing Services Scrubber > A-54, B-15 Applicable Limits and Compliance Monitoring Requirements Table VII - Y

Demister > A-72, B-16 Caustic Scrubber in series

Temperature Yes In Compliance monitor pH monitor Yes In Compliance N/A N/A In Compliance	N P-H m	3.1(a)(11)					
Yes Yes N/A			of cylinder gasses.			63.1209(d)	
Yes Yes			ensuring current certification			EEE;	
Yes Yes		Appendix to	Requires maintaining and		Y	Subpart	
Yes Yes	<del>-</del>		are being abated				
Yes		6859, Part 9	liquid feed or process vents			6859, Part 9	
Yes		Condition	pH ≥ 7.6 of A-72 whenever	,	×	Condition	рH
Yes	mon	6859, Part 6	degrees F			6859, Part 6	
monitor	C Tempe	Condition	Temperature ≥ 1807		<b>⊀</b>	Condition	VOC
monitor			weight				
	mon	6859, Part 6	efficiency ≥ 99.99% by			6859, Part 4	
Temperature Yes In Compliance	C Tempe	Condition	Organic destruction		۲	Condition	VOC
	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Type Performed? Results	-	Requirement Frequency	21.	Effective	FE	Citation of	Type of
Monitoring Monitoring Monitoring	Monitoring   Monito	Monitoring		Future	•		

Abated by A-74, B-502 Caustic Scrubber and A-94, B-501 Acid Absorber at all times Applicable Limits and Compliance Monitoring Requirements S-389, Sym-Tet Thermal Oxidizer Table VII - Z

Abated by A-77, R-502 Nonselective Catalytic Reduction Unit, and A-76, B-503A Carbon Adsorber and A-80, B-503B Abated by A-75, X-505 Particulate Scrubber when burning chlorinated liquids Carbon Adsorber when A-77 is operating

ture					***				SO2 BAAQMD		8-2-301	POC BAAQMD		6-311	FP BAAQMD	6-310	FP BAAQMD	6-301	Opacity BAAQMD	Limit Limit	Type of Citation of	
< < <	× ×	- Х - Х	Κ Κ	× ×	Υ	~	*	~				Υ			Υ		Υ .		~	Y/N	FE I	
																				Date	Effective	Future
for 24 hrs  Sulfur content ≤ 0.5% by  weight or do not emit SO2 >  300 ppm, dry  Temperature ≥ 1830	for 24 hrs  Sulfur content ≤ 0.5% by  weight or do not emit SO2 >  300 ppm, dry	for 24 hrs  Sulfur content ≤ 0.5% by  weight or do not emit SO2 >	for 24 hrs  Sulfur content ≤ 0.5% by	for 24 hrs Sulfur content ≤ 0.5% by	for 24 hrs		ppm for 60 min; 0.05 ppm	0.5 ppm for 3 min; 0.25	ground level concentrations	dry	and ≤ 300 ppm total carbon,	Emissions ≤ 15 pounds/day	rate in ton/hr	where P is process weight	4.10 P 0.67 lb/hr particulate,		0.15 grain/dscf	for < 3 min/hr	Ringelmann No. 1	Limit		
Condition			_		None				None		2039, Part 13	Condition			None		None		None	Citation	Requirement	Monitoring
_	)				Z	_			z			С			Z		z		Z	(P/C/N)	Frequency	Monitoring
Temperature	-				N/A				N/A		monitor	Temperature			N/A		N/A		N/A		Туре	Monitoring
	Yes				N/A				N/A			Yes			N/A		N/A		N/A	,	Performed?	Monitoring
	In Compliance				N/A				N/A		-	In Compliance			N/A		N/A		N/A		-	Monitoring Results

Abated by A-77, R-502 Nonselective Catalytic Reduction Unit, and A-76, B-503A Carbon Adsorber and A-80, B-503B Abated by A-74, B-502 Caustic Scrubber and A-94, B-501 Acid Absorber at all times Abated by A-75, X-505 Particulate Scrubber when burning chlorinated liquids Applicable Limits and Compliance Monitoring Requirements Carbon Adsorber when A-77 is operating S-389, Sym-Tet Thermal Oxidizer Table VII - Z

			Future	·	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	HE	Effective		Requirement	Frequency	Type	Performed?
Limit	Limit	ΥX	Date	Limit	Citation	(P/C/N)	.` •	:
Residence	Condition	Υ		Residence time ≥ 0.9	None	Z	N/A	A/N
time	2039, Part 2			seconds				
00	Condition	Υ		250 ppm at 3% O2	Condition	P۱	Source test	Yes
	2039, Part 4				2039, Part 10	semiannual		Test date 04/22-24/2013
VOC	Condition	Υ		Organic destruction	Condition	С	Temperature	Yes
	2039, Part 5			efficiency≥99.99% by	2039, Part 13		monitor	
				weight				
Liquid waste	Condition	γ		Annual average liquid feed s	Condition	C	Liquid mass	Yes
	2039, Parts			45.1 gallons/hour	2039, Part 13		flowmeter/	
	7 & 8			Maximum daily liquid feed <			calculations	
				70 gallons/hour				
NOx	Condition	ү		NOx ≤ 6194 lbs/year	Condition	P	source test &	Yes
	2039, Part				2039, Part 9	semiannual	calculations	Test date –
	10							01/22-24/2015
рН	Condition	Y		pH ≥ 7.35 of A-74 whenever	Condition	P-H	pH monitor	Υœ
	2039, Part			liquid feed or process vents	2039, Part 16			
	16			are being abated				

Table VII – AA
Applicable Limits and Compliance Monitoring Requirements
S-400, Experimental Thermal Oxidizer R-901
Abated by A-401, Acid Adsorber B-901
Followed by A-79, Packed Bed Scrubber B-902

п соприжке	9	temperature						,	
		Monitor Record	c C	2213, Part 9 Part 12(h)	degrees F			2213, Part 9	
In Compliance	Ϋ́es	Temperature	С	Condition	Temperature ≥ 1472		Υ	Condition	Temp
				Part 9				Part 8	
		Monitor		2213,	efficiency ≥ 64% by weight			2213,	
In Compliance	Yes	Temperature	С	Condition	Organic destruction		Y	Condition	VOC
								9-1-302	
N/A	N/A	N/A	z	None	$SO2 \le 300 \text{ ppm, dry}$		Υ	BAAQMD	SO2
					for 24 hrs				
			-		ppm for 60 min; 0.05 ppm				
					0.5 ppm for 3 min; 0.25			9-1-301	
N/A	N/A	N/A	z	None	ground level concentrations		γ	BAAQMD	SO2
	F			Part 9	dry				
		Monitor		2213,	and $\leq 300$ ppm total carbon,			8-2-301	
In Compliance	Yes	Temperature	С	Condition	Emissions ≤ 15 pounds/day		ү	BAAQMD	РОС
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf	•	Υ	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. 1		Υ	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Νχ	Limit	Limit
Results	Performed?	Туре	Frequency	Requirement	* . a .	Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Abated by A-401, Acid Adsorber B-901 and A-79, Packed Bed Scrubber B-902 Applicable Limits and Compliance Monitoring Requirements S-402, HCl Storage Tank Table VII - AB

				5147, Part 3				5147, Part 2	
In Compliance	Yes	Records	P/E	Condition	200,000 gallons/12-months		4	Condition	HCI
					rate in ton/hr				•
					where P is process weight			6-311	
N/A	N/A	N/A	z	None	$4.10  \mathrm{P}^{0.67}  \mathrm{lb/hr}  \mathrm{particulate},$		۲	BAAQMD	FP
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		Υ	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	Z	None	Ringelmann No. 1		Υ	BAAQMD	Opacity
-			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?		Frequency	Requirement Frequency		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring Monitoring		Future			

Table VII - AC
Applicable Limits and Compliance Monitoring Requirements
S-428, Sym-Tet Processing, H-300
S-448, H-200 Sym-Tet
Both Abated by A-154, Vent Recovery System H-320A & B, T-320

			Future		Monitoring	Monitoring Monitoring	Monitoring Type	Monitoring	Monitoring
Type of	Citation of	T.	Effective		Requirement	Frequency		Performed?	Results
Limit	Limit	K/N	Date	Limit	Citation	(P/C/N)			
VOC	BAAQMD	Y		VOC abated ≥ 85% by	Condition	С	Pressure Drop and	Yes	In Compliance
	8-1-110.3			weight; if achieved through	5148, Part 3		Temperature		
				incineration, ≥ 90% of		•	monitor		
				organic carbon must be					
				oxidized to CO2					
VOC	Condition	۲		VOC abated ≥ 85% by	Condition	C	Pressure Drop and	Yes	In Compliance
	5148, Part 1			weight or emit < 15 lbs/day	5148, Part 3		Temperature		-
				as carbon			monitor		
					Part 5	С	Record pressure	Yes	In Compliance
			•				drop and		
							temperature		
Temp	Condition	Y		Temperature exiting Heat	Condition	С	Temperature	Υes	In Compliance
	5148, Part 2			Exchanger ≤ 140 degF	5148, Part 3		monitor		

Table VII – AD

Applicable Limits and Compliance Monitoring Requirements
S-429, T-130A Environmental Services

Monitoring Type Performed?  Method 21 Yes Inspection  Records Yes

Each Abated by S-336, Manufacturing Services Thermal Oxidizer or Operated as Pressure Vessels Applicable Limits and Compliance Monitoring Requirements S-431, Carbon Tetrachloride Pressure Vessel, D-260A S-432, Carbon Tetrachloride Pressure Vessel, D-260B Table VII – AE

	dards;	Future FE Effective Y/N Date Control device standards; includes 95% efficiency requirement
	Limit Control device standards; includes 95% efficiency requirement < 100 ppm (expressed as methane) above	Limit Citation  Control device standards; Condition includes 95% efficiency requirement 6859, part 6 < 100 ppm (expressed as methane) above 8-18-401
<del> </del>	Monitoring Requirement Citation BAAQMD Condition 6859, part 6 BAAQMD 8-18-401	
Future Effective Date		Monitoring Frequency (P/C/N) C
Future Effective Limit Control device standards; includes 95% efficiency requirement requirement 6859, part 6 < 100 ppm (expressed as BAAQMD	Monitoring Type Temperature monitoring Method 21 Inspection	
Future  Effective  Limit  Control device standards; includes 95% efficiency requirement	Type rc rc g	Monitoring Performed? Yes Yes

Table VII - AF
Applicable Limits and Compliance Monitoring Requirements
S-434, Manufacturing Services Facility

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed in series, Followed by A-Abated by S-336, Manufacturing Services Thermal Oxidizer, or Abated by A-199, Manufacturing Services Scrubber B-12 199, Manufacturing Services Scrubber B-12, or

						_												_					Ty	
					FP								FP								Opacity		Type of Limit	
			115-0	6 3 1 1	BAAQMD							6-310	BAAQMD							6-301	BAAQMD	Limit	Citation of	
		_			۲								Y								Υ	Y/N	ΗE	
																						Date	Effective	Future
	ton/hr	process weight rate in	particulate, where r is	norticulate where Pic	4.10 P <sup>0.67</sup> lb/hr								0.15 grain/dscf							for < 3 min/hr	Ringelmann No. 1	Limit		-
For S-336:	17985, Part 7		_	and A-87/A-	For A-199	6859, Part 6	Condition	For S-336:	17985, Part 7	Condition	85/A-199:	and A-87/A-	For A-199	6859, Part 6	Condition	For S-336:	17985, Part 7	Condition	85/A-199:	and A-87/A-	For A-199	Citation	Requirement	Monitoring
S-336: C					A-199: P-D			S-336: C					A-199: P-D			S-336: C					A-199: P-D	(P/C/N)	Frequency	Monitoring
Temperature				concentration	Caustic		monitor	Temperature				concentration	Caustic		monitor	Temperature				concentration	Caustic	*	Type	Monitoring
Yes					Yes			Yes					Yes			Yes					Yes		Performed?	Monitoring
In Compliance			•		In Compliance			In Compliance					In Compliance			In Compliance					In Compliance		Results	Monitoring

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber - Packed Bed in series, Followed by A-Abated by S-336, Manufacturing Services Thermal Oxidizer, or Applicable Limits and Compliance Monitoring Requirements Abated by A-199, Manufacturing Services Scrubber B-12 199, Manufacturing Services Scrubber B-12, or S-434, Manufacturing Services Facility Table VII - AF

-					months			9	
				17985, Part 9	$\leq 108,300 \text{ tons/}12$			17985, Part	
In Compliance	Yes	Records	P-M	Condition	36% HCl production		۲	Condition	HC1
In Compliance	Yes	рН	A-199: P-D	Condition 17985, Part 7	wt. A-199 pH≥8.5			6	pH
•		concentration		17985, Part 7	concentration ≥1%			17985, Part	concentration
In Compliance	Yes	Caustic	A-199: P-D	Condition	A-199 Caustic		Y	Condition	Caustic
					pressure < 4.6 psig				
					until organic partial	•			
_					or contained/treated				
					recovered/combusted				
				21060	depressurization	-		8-10-301	
In Compliance	Yes	Records	P-E	Condition	Vessel		Y	BAAQMD	POC
				6859, Part 6					
		monitor		Condition					
In Compliance	Yes	Temperature	S-336: C	For S-336:					
				17985, Part 7					
				Condition	carbon dry				
				85/A-199:	300 ppm total				
		concentration		and A-87/A-	pounds/day and ≤			8-2-301	
In Compliance	Yes	Caustic	A-199: P-D	For A-199	Emissions ≤ 15		Y	BAAQMD	РОС
				6859, Part 6					
		monitor		Condition					
			(P/C/N)	Citation	Limit	Date	ΥN	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	ΉŦ	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - AG
Applicable Limits and Compliance Monitoring Requirements
S-444, U-183 Dowtherm Heater

								3	
								11054, Part	
N/A	N/A	N/A	z	None	50 ppmvd at 3% O2		Y	Condition	00
								9-7-301.2	
N/A	N/A	N/A	Z	None	400 ppmvd at 3% O2		۲	BAAQMD	8
-			years						
	11/15/2012		every 5	11054, Part 5				9-7-301.1	
In Compliance	Yes	Source Test	P once	Condition	30 ppmvd at 3% O2		<b>~</b>	BAAQMD	NOx
								9-1-302	
N/A	N/A	N/A	z	None	SO2 ≤ 300 ppm, dry		4	BAAQMD	SO2
					for 24 hrs				
					ppm for 60 min; 0.05 ppm				
					0.5 ppm for 3 min; 0.25			9-1-301	
N/A	N/A	N/A	Z	None	ground level concentrations		ү	BAAQMD	S02
					02				
					dry standard conditions 6%			6-310.3	
N/A	N/A	N/A	Z	None	0.15 grain/dscf, corrected to		~	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. 1		Υ	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Results	Performed?	Туре	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Citation of BAAQMD BAAQMD BAAQMD BAAQMD 8-2-301 6-301 6-311 6-310 Limit Ŧ Υ/ Z < < Effective Future Date pounds/day and ≤ 300 ppm total carbon, dry particulate, where P is process weight rate in Ringelmann No. 1 Abated by A-88, B-106 Sym-Tet Scrubber or Emissions ≤ 15 4.10 P <sup>0.67</sup> lb/hr 0.15 grain/dscf Abated by S-389 when S-389 is operating, or for  $< 3 \min/hr$ Limit ton/hr S-446, Sym-Tet Plant Condition 2039 Condition 2039 For A-88/ A-89 Same as Above 199: Condition A-87/A-85/A-Same as Above Requirement 17985, Parts 7 For S-434 or For A-88/ A-Monitoring 89: None For S-389: For S-389: Citation Part 13 Part 13 None Frequency Monitoring A-199: P-D A-88/89: N Same as A-88/89: N (P/C/N) S-389: C Same as S-389: C Above Above Same as Above

concentration

Caustic

8

In Compliance

### **Applicable Limits and Compliance Monitoring Requirements** Table VII - AH

Reactor and Stripping Systems abated by A-168, B-609 Emergency Backup Caustic Scrubber Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Tet

Monitoring

Type

Performed? Monitoring

Monitoring

Results

Temperature

Ϋ́es

In Compliance

monitor

N/A

N/A

X/A

Type of Limit

Opacity

POC

FP

Same as Above

Yes

In Compliance

Yes

In Compliance

Temperature

Хœ

In Compliance

monitor

N/A

N/A

N/A

Ŧ

Abated by S-389 wh
Abated by A-89, X-3 Emerge
actor and Stripping Systems abated by A
Future ition of FE Effective N

QMD Y Date Limit Cita
N

QMD Y Cessel Conductive or contained/treated until organic partial pressure < 4.6 psig
5, Part A-199 Caustic concentration ≥ 1%

A-199 Caustic concentration ≥ 1%

A-199 Session concentration ≥ 1%

A-199 Caustic concentration ≥ 1%

A-1985

#### Reactor and Stripping Systems abated by A-168, B-609 Emergency Backup Caustic Scrubber Abated by S-389 when S-389 is operating, or Abated by A-88, B-106 Sym-Tet Scrubber or Abated by A-89, X-3 Emergency Venturi at N-Serve/Sym-Tet Applicable Limits and Compliance Monitoring Requirements S-446, Sym-Tet Plant Table VII - AH

					wt.			6	
		concentration		17985, Part 7	concentration ≥ 1%		_	17985, Part	concentration
In Compliance	Yes	Caustic	A-199: P-D	Condition .	A-199 Caustic		~	Condition	Caustic
					pressure < 4.6 psig				
					until organic partial				
					or contained/treated				
·					recovered/combusted				
				21060	depressurization			8-10-301	
In Compliance	Yes	Records	P-E	Condition	Vessel		~	BAAQMD	POC
							z		
-			(P/C/N)	Citation	Limit	Date	۲	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of FE	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	2 3 32	Future			

Table VII - AI
Applicable Limits and Compliance Monitoring Requirements
S-449, HCl StorageTank T-30
Abated by A-91, B-30 Absorber

FE Effective  Y/N Date  Limit  A Ringelmann No. 1  Y Ringelmann No. 1  For < 3 min/hr  Y 0.15 grain/dscf  Y 0.15 grain/dscf  Y 4.10 P 0.67 lb/hr  particulate, where P is process weight rate in ton/hr  Abated HCl emissions  ≤ 68 lbs/12 months  Abated HCl emissions  Abated HCl emissions  Abated HCl emissions  Abated HCl emissions  Condition  4  Abated HCl emissions  18128, Part  4	period									
FE         Effective V/N         Limit         Requireme and Citation         Frequency (P/C/N)         Type         Performed?           Y         Ringelmann No. 1         None         N         N/A         N/A           Y         0.15 grain/dscf         None         N         N/A         N/A           Y         4.10 P 0.57 lb/hr particulate, where P is process weight rate in ton/hr         None         N         N/A         N/A           Abated HCl emissions         Condition         P-M         Records         Yes           4         Abated HCl emissions         Condition         P-D         Records         Yes	this compliance				4				2	
FE         Effective V/N         Limit         Requiremé requency         Type         Performed?           V/N         Date         Limit         nt Citation         (P/C/N)         N/A         N/A           Y         Ringelmann No. 1         None         N         N/A         N/A           Y         0.15 grain/dscf         None         N         N/A         N/A           Y         4.10 P 0.67 lb/hr particulate, where P is process weight rate in ton/hr         None         N         N/A         N/A           Abated HCl emissions ≤ 68 lbs/12 months         18128, Part         P-M         Records         Yes           Abated HCl emissions ≤ 0.3 lbs/day         Condition lbs/day         P-D         Records         Yes	service during				10120, 1 441	10.0 100 040			10120, 1 411	
FE         Effective V/N         Limit         Requiremé rt Citation         Frequency (P/C/N)         Type         Performed?           Y         Date         Ringelmann No. 1         None         N         N/A         N/A           Y         0.15 grain/dscf         None         N         N/A         N/A           Y         4.10 P 0.67 lb/hr particulate, where P is process weight rate in ton/hr         None         N         N/A         N/A           Abated HCl emissions ≤ 68 lbs/12 months         Condition seed HCl emissions         Condition condition seed HCl emissions         P-M         Records         Yes	Unit out of					< 0.3 lbs/day			18178 Part	
FE         Effective V/N         Limit         Requireme (P/C/N)         Frequency (P/C/N)         Type         Performed?           Y         Date         Ringelmann No. 1 for < 3 min/hr	N/A	Υœ	Records	P-D	_	Abated HCl emissions			Condition	HCI
FE         Effective V/N         Limit         Requireme Int Citation         Frequency (P/C/N)         Type         Performed?           Y         Base (P/C/N)         None         N         N/A         N/A           Y         0.15 grain/dscf         None         N         N/A         N/A           Y         4.10 p 0.67 lb/hr particulate, where P is process weight rate in ton/hr         None         N         N/A         N/A           Abated HCl emissions ≤ 68 lbs/12 months         Condition 18128, Part         P-M         Records         Yes	period									
FE         Effective V/N         Limit         Requireme (P/C/N)         Type (P/C/N)         Performed?           Y         Ringelmann No. 1 for < 3 min/hr	this compliance				1				_	
FE         Effective Limit         Requireme for CP/C/N)         Type Performed?         Performed?           Y/N         Date         Limit         nt Citation (P/C/N)         N/A         N/A           Y         Ringelmann No. 1 for < 3 min/hr	service during				<u> </u>				- 0, 1	
FE         Effective V/N         Limit Date         Requireme Requency (P/C/N)         Type         Performed?           Y/N         Date         Limit nt Citation (P/C/N)         (P/C/N)         N/A         N/A           Y         Ringelmann No. 1 for < 3 min/hr	Unit out of				18128. Part	≤ 68 lbs/12 months			18128 Part	
FE Effective Limit Requireme Frequency (P/C/N)  y Ringelmann No. 1 None N N/A N/A  y Ringelmann No. 1 None N N/A N/A  y 0.15 grain/dscf None N N/A N/A  y 4.10 P 0.67 lb/hr particulate, where P is process weight rate in ton/hr  None N N/A N/A N/A  None N N/A N/A N/A  None N N/A N/A N/A  None N N/A N/A  None N N/A N/A  N/A N/A	N/A	Υes	Records	P-M	Condition	Abated HCl emissions			Condition	HC1
FE Effective Limit Requireme Frequency Type Performed?  Y/N Date Limit nt Citation (P/C/N)  Y Ringelmann No. 1 None N N/A N/A  for <3 min/hr  Y 0.15 grain/dscf None N N/A N/A  Y 4.10 P 0.67 lb/hr particulate, where P is process weight rate in process w	period					ton/hr				
FE Effective Limit nt Citation (P/C/N)  Y Date Limit nt Citation (P/C/N)  Y Ringelmann No. 1 None N N/A N/A  for < 3 min/hr  Y 0.15 grain/dscf None N N/A N/A  Y 4.10 P 0.67 lb/hr particulate, where P is Performed?  None N N/A N/A N/A  None N N/A N/A N/A  N/A N/A N/A	this compliance					process weight rate in				
FE         Effective V/N         Limit         Requireme (P/C/N)         Type (P/C/N)         Performed?           Y         Ringelmann No. 1 for < 3 min/hr	service during					nancaca waisht anta in				
FE         Effective V/N         Limit         Requireme (P/C/N)         Frequency (P/C/N)         Type         Performed?           Y         Date Ringelmann No. 1 for < 3 min/hr	Unit out of					particulate, where P is			6-311	
FE Effective Limit Requireme Frequency Type Performed?  Y Date Limit nt Citation (P/C/N)  Y Ringelmann No. 1 None N N/A N/A  for <3 min/hr  Y 0.15 grain/dscf None N N/A N/A  NONE N N/A N/A N/A	N/A	N/A	N/A	z	None	4.10 P 0.67 lb/hr		Υ	BAAQMD	FP
FE       Effective V/N       Limit Date       Requireme Int Citation (P/C/N)       Frequency (P/C/N)       Type Performed?         Y       Ringelmann No. 1 for < 3 min/hr	period									
FE       Effective       Limit       Requireme       Frequency       Type       Performed?         Y       Date       Limit       nt Citation       (P/C/N)       N/A       N/A         Y       Ringelmann No. 1       None       N       N/A       N/A         Y       O.15 grain/dscf       None       N       N/A       N/A	this compliance									
FE Effective Limit Requireme Frequency Type Performed?  Y/N Date Limit nt Citation (P/C/N)  Y Ringelmann No. 1 None N N/A N/A  for < 3 min/hr  Y 0.15 grain/dscf None N N/A N/A	service during								0	
FE         Effective         Limit         Requireme         Frequency         Type         Performed?           Y/N         Date         Limit         nt Citation. (P/C/N)         (P/C/N)         N/A         N/A           Y         Ringelmann No. 1         None         N         N/A         N/A           Y         for < 3 min/hr	Unit out of				•	•			6-310	
FE Effective Limit Requireme Frequency Type Performed?  Y/N Date Limit nt Citation (P/C/N)  Y Ringelmann No. 1 None N N/A N/A  for <3 min/hr	N/A	N/A	N/A	Z	None	0.15 grain/dscf		Υ	BAAOMD	FP
FE       Effective       Limit       Requireme       Frequency       Type       Performed?         YN       Date       Limit       nt Citation       (P/C/N)       N/A       N/A         Y       Ringelmann No. 1       None       N       N/A       N/A         Y       for < 3 min/hr	period									
FE       Effective       Requireme       Frequency       Type       Performed?         Y/N       Date       Limit       nt Citation       (P/C/N)         Y       Ringelmann No. 1       None       N       N/A       N/A         Y       for < 3 min/hr	this compliance				• **					
FE       Effective       Requireme       Frequency       Type       Performed?         Y/N       Date       Limit       nt Citation       (P/C/N)         Y       Ringelmann No. 1       None       N       N/A       N/A         Y       for < 3 min/hr	service during								0	
FE       Effective       Requireme       Frequency       Type       Performed?         Y/N       Date       Limit       nt Citation       (P/C/N)         Y       Ringelmann No. 1       None       N       N/A       N/A	Unit out of					for < 3 min/hr			6-301	
FE Effective Requireme Frequency Type Performed?  Y/N Date Limit nt Citation (P/C/N)	N/A	N/A	N/A	Z	None	Ringelmann No. 1		۲	BAAOMD	Opacity
FE Effective Requireme Frequency Type Performed?				(P/C/N)	nt Citation	Limit	Date	Ϋ́N	Limit	
	Results	Performed?	Type	Frequency	Requireme	-	Effective	苦	Citation of	Type of Limit
Future Monitoring Monitoring Monitoring Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

# Table VII - AJ Applicable Limits and Compliance Monitoring Requirements S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber - Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Process Flow Abated by A-90, H-30 Acid Absorber and A-91, B-30 Absorber, in series, and Intermittent Process Vents Abated by A-46, B-7 Caustic Scrubber or Manufacturing Services Scrubber B-12, or A-197, B-4 Caustic Scrubber

<del></del>				_		
FP			Opacity		Type of Limit	
BAAQMD 6-310			6-301	Limit	Citation of	
~			~	Ϋ́	FE	
				Date	Effective	Future
0.15 grain/dscf			Ringelmann No. 1 for < 3 min/hr	Limit		٠
Same as above	For S-434/A-199, A-87/A-85/A-199: Condition 17985, Part 7	For A-46, A-197: Condition 18128, Part 11	For A-90, A-91: Condition 18128, Part 9	Citation	Requirement	Monitoring
Same as above	P-D	Р-Д	P.D	(P/C/N)	Frequency	Monitoring
Same as above	Caustic concentration	Caustic concentration	Temperature monitor	-	Type	Monitoring
N/A Unit out of service during this compliance	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period		Performed?	Monitoring
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period		Results	Monitoring

Table VII - AJ
Applicable Limits and Compliance Monitoring Requirements
S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

during uns	service during				lbs/12 months and			1	
Unit out of service	Unit out of			Part 12	emissions ≤ 718.8			18128, Parts	
N/A	N/A	Records	P-D	Condition 18128,	Abated PM		Υ	Condition	PM
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	A/N	N	None	SO2 ≤ 300 ppm, dry		۲	BAAQMD 9-1-302	S02
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Α/N	· Z	None	Ground level concentrations 0.5 ppm for 3 min; 0.25 ppm for 60 min; 0.05 ppm for 24 hrs		Y	BAAQMD 9-1-301	SO2
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	Same as above	Same as above	Same as above	4.10 P 0.5/ lb/hr particulate, where P is process weight rate in ton/hr		Y	BAAQMD 6-311	FP
	period								
	-		(P/C/N)	Citation	Limit	Date	N/A	Limit	
Results	Performed?	Туре	Frequency	Requirement	*	Effective	FE.	Citation of	Type of Limit
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

# Table VII - AJ Applicable Limits and Compliance Monitoring Requirements S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

HC1	HCI	HCl	РМ		Type of Limit	
Condition	Condition 18128, Part 9	Condition 18128, Part 8	Condition 18128, Parts 2		Citation of Limit	
Υ	У	Υ	×		FE Y/N	•
					Effective Date	Finture
99% wt control or ≤	Average daily temperature ≤ 80 degreesC	99.99%, wt, removal or ≤ 0.068 lb/hour	Abated PM emissions ≤ 2.5 lbs/day and SO2 emissions < 0.04 lbs/day	SO2 emissions < 10.4 lbs/12 months	Limit	
Condition 18128,	Condition 18128, Part 9	Condition 18128, Part 9	Condition 18128, Part 12		Requirement  Citation	Monitoring
P-D	P-D	P-D	P-D		Frequency (P/C/N)	Monitoring
Caustic	Temperature monitor	Temperature monitor	Records		Туре	Monitoring
N/A	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	this compliance period	Performed?	Monitoring
N/A	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period	compliance period	Results	Monitoring

Table VII - AJ

Applicable Limits and Compliance Monitoring Requirements

S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber – Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

Caustic					SO2					Other acid gas					HF						Type of Limit	
Condition			10	18128, Part	Condition			10	18128, Part	Condition			10	18128, Part	Condition			10	18128, Part	Limit	Citation of	
۲					Υ					Υ					γ					Y/N	FE	
							•	-												Date	Effective	Future
OH concentration				0.61 lbs/hr SO2	99% wt control or ≤		1	acid gas.	0.025 lbs/hr other	99% wt control or ≤				0.59 lbs/hr HF.	97% wt control or ≤				0.0023 lbs/hr HCl	Limit		
Condition 18128,				Part 11	Condition 18128,			•	Part 11	Condition 18128,				Part 11	Condition 18128,				Part 11	Citation	Requirement	Monitoring
P-D	,	vears	every 5	P - once	P-D	,	years	every 5	P - once	P-D	,	vears	every 5	P - once	P-D			permit term	P - once per	(P/C/N)	Frequency	Monitoring
Caustic			Source Test	concentration	Caustic			Source Test	concentration	Caustic			Source Test	concentration	Caustic			Source Test	concentration		Type	Monitoring
N/A	period	this compliance	service during	Unit out of	N/A	period	this compliance	service during	Unit out of	N/A	period	this compliance	service during	Unit out of	N/A	period	this compliance	service during	Unit out of		Performed?	Monitoring
N/A		compliance period	during this	Unit out of service	N/A		compliance period	during this	Unit out of service	N/A		compliance period	during this	Unit out of service	N/A		compliance period	during this	Unit out of service		Results	Monitoring

Table VII - AJ

Applicable Limits and Compliance Monitoring Requirements
S-454, Vikane Plant

Abated by A-87, HCl Absorber/Heat Exchanger H-109 and A-85, Absorber - Packed Bed, in series followed by A-199, Abated by S-434, Manufacturing Services Facility followed by A-199, Manufacturing Services Scrubber B-12 or Manufacturing Services Scrubber B-12, or

	period		-						
compliance period	this compliance								
during this	service during							11	
Unit out of service	Unit out of	concentration		Part 11	> 2% wt			18128, Part	concentration 18128, Part
			(P/C/N)	Citation	Limit	Y/N Date	Y/N	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	FЕ	Citation of	Type of Limit   Citation of   FE   Effective
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII – AK
Applicable Limits and Compliance Monitoring Requirements
[Pressure Tank < 75m<sup>3</sup>]
S-458, T-80 in Block 660

VOC	Type of Limit
BAAQMD 8-5-307	Citation of Limit
Υ	FE Y/N
	Future FE Effective Y/N Date
< 100 ppm (expressed as methane) above background	Limit
BAAQMD 8-18-401	Monitoring Requirement Citation
P/Q	Monitoring Frequency (P/C/N)
Method 21 Inspection	Monitoring Type
Yes	Monitoring Performed?
In Compliance	Monitoring Results

Table VII - AL
Applicable Limits and Compliance Monitoring Requirements
S-460, Dowtherm Heater U-83

	6-301			for < 3 min/hr					
FP	BAAQMD	Υ		0.15 grain/dscf, corrected to	None	Z	N/A	N/A	N/A
	6-310.3			dry standard conditions 6%					
				02					
FP	BAAQMD	4		4.10 P <sup>0.67</sup> lb/hr particulate,	None	Z	A/N	N/A	N/A
	6-311			where P is process weight		•			
				rate in ton/hr					
SO2	BAAQMD	Y		ground level concentrations	None	Z	N/A	N/A	N/A
	9-1-301			0.5 ppm for 3 min; 0.25					
				ppm for 60 min; 0.05 ppm					
				for 24 hrs					
SO2	BAAQMD	4		$SO2 \le 300 \text{ ppm, dry}$	None	Z	N/A	N/A	N/A
	9-1-302								
NOx	BAAQMD	۲	-	30 ppmvd at 3% O2	Condition	P - once	Source Test	Yes	In Compliance
	9-7-301.1				503, Part 7	every 5		Test date -	
						years		9/29/2008	
00	BAAQMD	Υ		400 ppmvd at 3% O2	None	Z	N/A	N/A	N/A
<del></del>	9-7-301.2								

Applicable Limits and Compliance Monitoring Requirements
S-461, Plant 663 R-401 Reactor, Abated by A-96, B-405 Acid Absorber & Tails Tower
S-462, Plant 663 R-402 Reactor, Abated by A-96, B-405 Acid Absorber & Tails Tower
S-463, Plant 663 F-403 Separator Table VII - AM

Figure Future  Future  Future  Future  Future  Future  Monitoring Monitoring Lype Monitoring  Monitoring Lype Monitoring  Monitoring Lype Monitoring  Performed?  Performed?  Performed?  None  N  N/A  N/A  N/A  N/A  N/A  N/A  N/A						with the species of the second			0-011	
Figure Future Monitoring Monitoring Monitoring Lype Monitoring Lype Figure Figu						where P is process weight			6-311	
Future Future  Future  Future  Future  Monitoring Monitoring lype Monitoring Lype  Requirement Frequency  Performed?  Performed?  Performed?  Performed?  None  No	N/A	- A/N	N/A	z		4.10 P ''' lb/hr particulate,			BAAQMD	FP
Figure Future Future Future Figure Figure Figure Figure Figure Figure Figure Figure Figure Frequency Frequ	N/A	N//A				0.67		1		
Fit ture         Future         Monitoring         Monitoring         Monitoring Iype         Monitoring Iype         Monitoring Ive           FE         Effective         Requirement         Frequency         Performed?           Y/N         Date         Limit         Citation         (P/C/N)         N/A         N/A           Y         Ringelmann No. 1         None         N         N/A         N/A           Y         for < 3 min/hr									6-310	
Fig         Future         Monitoring         Monitoring         Monitoring of Ling         Performed?	N/A	N/A	N/A	Z	None	0.15 grain/dscf		~	BAAQMD	FP
Figure Monitoring Monitoring Monitoring Lype Monitoring Lype Figure Requirement Frequency Performed?  Y/N Date Limit Citation (P/C/N) Performed?  Ringelmann No. 1 None N N/A N/A						for < 3 min/hr			6-301	
Future Monitoring Monitoring Iype Monitoring  FE Effective Requirement Frequency Performed?  Y/N Date Limit Citation (P/C/N)	N/A	N/A	N/A	Z.	None	Ringelmann No. 1		~	BAAQMD	Opacity
FE Effective Requirement Frequency Performed?				(P/C/N)	Citation	Limit	1	XX	Limit	Limit
Monitoring Monitoring Monitoring Type Monitoring		Performed?	-		Requirement			FE	Citation of	Type of
	Monitoring Results	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Abated by A-95, F-413 Bag Filter and A-114, Vacuum System with Condenser Applicable Limits and Compliance Monitoring Requirements S-464, Product Dryer Table VII - AN

			Future		Monitoring	Monitoring Monitoring	Monitoring Type	Monitoring	Monitoring Results
Type of	Citation of	Ŧ	Effective	- · · · · · · · · · · · · · · · · · · ·	Requirement Frequency	Frequency		Performed?	
Limit	Limit	ΥN	Date	Limit	Citation	(P/C/N)	•		
	BAAQMD	~		Ringelmann No. 1	None	N	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	Υ		0.15 grain/dscf	None	Z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	Z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					

Table VII - AO
Applicable Limits and Compliance Monitoring Requirements
S-474, Plant 421 - Verdict Reactor R-210,

A-99, B-203 Scrubber, A-100, B-230 Scrubber, A-101, H-205 Falling Film Absorber, and A-102, B-206 Scrubber Abated by A-97, B-201 Organic Scrubber, A-98, B-202 Reactor Vent Scrubber, Abated by A-97, B-201 Organic Scrubber, and A-100, B-230 Scrubber S-476, Plant 421 Trifluoro,

					drv				
					and $\leq$ 300 ppm total carbon,			8-2-301	
N/A	N/A	N/A	z	None	Emissions ≤ 15 pounds/day		~	BAAQMD	POC
					rate in ton/hr				
					where P is process weight	_		6-311	
N/A	N/A	N/A	z	None	4.10 P 0.67 lb/hr particulate,		Y	BAAQMD	FP
								6-310	-
N/A	N/A	N/A	z	None	0.15 grain/dscf		۲	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	Z	None	Ringelmann No. 1		×	BAAQMD	Opacity
	*		(P/C/N)	Citation	Limit	Date	Υ'N	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Table VII-AP
Applicable Limits and Compliance Monitoring Requirements
S-489, Latex Still B-100
Abated by A-42, B-368 Latex Plant Styrene Scrubber,
Followed by S-336 or S-389, Thermal Oxidizers

Abated by A-42, B-368 Latex Plant Styrene Scrubber during stripping of decant water Followed by S-336 or S-389, Thermal Oxidizers

(90% of Latex Plant Operating Time) S-490, B-310 Partial Condenser

_							-		-											_			
		VOC					VOC												roc	DOG		Type of Limit	
5	16610, Part	Condition		4		16610, Part	Condition										·	8-36-301		RAAOMD	Limit	Citation of	
		Υ					Υ												-	<	ΥN	FE	
											-										Date	Effective	Future
to thermal	emissions vented	Scrubber	lbs/day	A-42 \( \) 340		emissions from	Styrene				by ≥ 95%	cillissions avaica	emissions shated	10 lbs/day or	tanks combined ≤	and thinning	reactors, blending	from all resin	î OC cillissions	POC emissions	Limit	£ 140	
	16610, Part 8	Condition			,	16610, Part 8	Condition	16610, Part 8	Condition	oxidizer:	venting to	1011 1101	When not	2039, Part 13	Condition	6859, Part 6;	Condition	S-389:	101 2-550	For \$_336/	Citation	Requirement	Monitoring
		P-D/E					P-D					ţ	בו						ć	J.	(P/C/N)	Frequency	Monitoring
		Records	produced	records of batches		concentration;	Styrene		produced	records of batches	concentration;	טואוכווכ	Styrene					monitor	remperature	Temperature			Monitoring Type
Set vice during	Unit out of	N/A	period	this compliance	service during	Unit out of	N/A		period	this compliance	service during	Unit out of	N/A			period	this compliance	service during	Unit out of	N/A	-	Performed?	Monitoring
Collin Silling	Unit out of service	N/A		compliance period	during this	Unit out of service	N/A			compliance period	during this	Unit out of service	N/A			1	compliance period	during this	Unit out of service	N/A	-	Results	Monitoring

Table VII-AP
Applicable Limits and Compliance Monitoring Requirements
S-489, Latex Still B-100
Abated by A-42, B-368 Latex Plant Styrene Scrubber,
Followed by S-336 or S-389, Thermal Oxidizers

Abated by A-42, B-368 Latex Plant Styrene Scrubber during stripping of decant water Followed by S-336 or S-389, Thermal Oxidizers

(90% of Latex Plant Operating Time) S-490, B-310 Partial Condenser

	<del>-</del> 1		-	•		Γ.		[		
Batches				concentration	Styrene				Type of Limit	<u></u>
Condition 16610, Part 7	:		6	16610, Part	Condition			Limit	Citation of	
*					×			ΝΆ	FE	
								Date	Effective	Future
when not vented to oxidizer: 4 batches/day, max.	by weight;	scrubber ≥ 80%	Styrene	to oxidizer:	When not vented	operating time	oxidizer 90% of	Limit		
Condition 16610, Part 8				16610, Part 8	Condition			Citation	Requirement	Monitoring
7	1				PD			(P/C/N)	Frequency	Monitoring
Kecords		produced	records of batches	concentration;	Styrene			* * * * * * * * * * * * * * * * * * *	2011 0	Monitoring Type
Unit out of service during this compliance period	NIA	period	this compliance	Onit out of service during	N/A	period	this compliance	х.	Performed?	Monitoring
Unit out of service during this compliance period	21/2		compliance period	Onit out of service during this	N/A		compliance period		Results	Monitoring

Table VII – AQ
Applicable Limits and Compliance Monitoring Requirements
S-492, T-403 Environmental Services

		detector			Siming				
		hydrocarbon		8-5-503	ppm as methane after			8-5-328.1.2	
In Compliance	Yes	Portable	P/E	BAAQMD	Concentration of < 10,000		~	BAAQMD	VOC
					psia				
					has a TVP less than 0.5				
					the resulting organic liquid				
				8-5-501	liquid balancing in which			8-5-328.1	
In Compliance	Υœ	Records	P/E	BAAQMD	Tank cleaning control by		~	BAAQMD	VOC
					tank)				
					(when operated as pressure				
					background				
		Inspection		8-18-401	methane) above			8-5-307	
In Compliance	Ϋ́es	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		~	BAAQMD	VOC
					emission control system)				
					(when operated with				
				6859, part 6	requirement				
		monitoring		Condition	includes 95% efficiency			8-5-306	
In Compliance	Yes	Temperature	C	BAAQMD	Control device standards;		~	BAAQMD	VOC
Monitoring Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
	Monitoring		Frequency	Requirement		Effective	Ŧ	CITATION OF	Type of
			Monitoring	Monitoring		Future		Citation of	
			., 5,5	* * **					

Table VII – AR
Applicable Limits and Compliance Monitoring Requirements
S-496, T-241 Storage Tank Specialty Chemicals

VOC	Type of
BAAQMD 8-5-307	Citation of Limit
Υ	FE Y/N
	Future Effective Date
< 100 ppm (expressed as methane) above background	Limit
BAAQMD 8-18-401	1 = 34
P/Q	Monitoring Frequency (P/C/N)
Method 21 Inspection	Monitoring Type
Yes	Monitoring Performed?
In Compliance	Monitoring Results

A-121, In-Process Technology Thermal Abatement Device Followed by A-401, Acid Adsorber B-901 and A-79, Packed Bed Scrubber B-902 Abated by Either S-400, Experimental Thermal Oxidizer R-901 or Applicable Limits and Compliance Monitoring Requirements S-504, Chlorinolysis Train 1 Table VII - AS

P-E
С
С
-
ș-400: C
A-121: C
(P/C/N)
Requirement Frequency
Monitoring

Table VII - AT
Applicable Limits and Compliance Monitoring Requirements
S-505, Chlorinolysis Train 2

Abated by either S-400, Experimental Thermal Oxidizer R-901 or A-121, In-Process Technology Thermal Abatement Device

Followed by A-401, Acid Adsorber B-901 and A-79, Packed Bed Scrubber B-902

Unit out of service  during this  compliance period  N/A  Unit out of service  during this  compliance period  N/A  N/A		_		_					
					pounds/hour before			2213, Part 5	
<u> </u>	z	N/A	z	None	VOC emissions ≤ 1.5		~	Condition	VOC
	complian								
of service Unit out of service	durin				residence time ≥ 1 second				
	Unit out	Monitor		2213 Part 2	1800 degrees F and			2213, Part 2	
N/A N/A	z	Temperature	С	Condition	A-121: Temperature ≥		~	Condition	Temp
compliance period compliance period	compliar								
during this during this	durin		٠	•	weight				
Unit out of service Unit out of service	Unit out	Monitor		2213 Part 2	efficiency ≥ 99.9% by			2213, Part 1	
N/A N/A	z	Temperature	С	Condition	A-121: Organic destruction		~	Condition	VOC
				2213, Part 9					
		Monitor		Condition					
Yes In Compliance	Υ	Temperature	S-400: C	For S-400:					
compliance period   compliance period	compliar			-					
during this during this	durin			2213, Part 2	dry				
Unit out of service   Unit out of service	Unit out	Monitor		Condition	and ≤ 300 ppm total carbon,			8-2-301	
N/A N/A	z	Temperature	A-121: C	For A-121:	Emissions ≤ 15 pounds/day	•	~	BAAQMD	POC
			(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Performed? Results	Perfo		Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring Monitoring	Moni	Monitoring Type	Monitoring	Monitoring		Future	•		

Abated by S-336, Manufacturing Services Thermal Oxidizer or Operated as a Pressure Vessel Applicable Limits and Compliance Monitoring Requirements S-506, Manufacturing Services Storage Tank, T-404 Table VII – AU

In Compliance	Ϋ́¤	Temperature monitoring	O	BAAQMD Conditions 6859, part 6	When not operated as a pressure tank - Control device standards; includes 95% efficiency requirement ()		4	NSPS Subpart Kb 60.112b (a)(3)(ii)	VOC
In Compliance	ж	Inspection using Method 21	P/Q	BAAQMD 8-18-401	When operated with emission control system - Closed vent system leak tightness standards, VOC concentrations shall not exceed 500 ppmv above background		Υ	NSPS Subpart Kb 60.112b (a)(3)(i)	VOC
In Compliance	ж	Portable hydrocarbon detector	P/E	BAAQMD 8-5-503	Concentration of < 10,000 ppm as methane after cleaning		Υ	BAAQMD 8-5-328.1.2	νος
In Compliance	Yεs	Records	P/E	BAAQMD 8-5-501	Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia		۲	BAAQMD 8-5-328.1	νος
In Compliance	Yes	Method 21 Inspection	P/Q	BAAQMD 8-18-401	< 100 ppm (expressed as methane) above background (when operated as a pressure tank)		Y	BAAQMD 8-5-307	VOC
In Compliance	Yes	Temperature monitoring	C	BAAQMD Condition 6859, part 6	Control device standards; includes 95% efficiency requirement (when operated with emission control system)		Υ	BAAQMD 8-5-306	VOC
Monitoring Results	Monitoring Performed?	Monitoring Type	Monitoring Frequency (P/C/N)	Monitoring Requirement Citation	Limit	Future Effective Date	FE FE	Citation of Limit	Type of Limit

Table VII-AV
Applicable Limits and Compliance Monitoring Requirements S-507, Latex Plant Reactor, R-100
Abated by A-42, B-368 Latex Plant Styrene Scrubber, Followed by S-336 or S-389, Thermal Oxidizers

Limit         Monitoring Citation         Monitoring (P/C/N)         Monitoring Type         Monitoring Performed?           POC emissions from all resin reactors, blending and thimning tanks combined ≤ 10 pounds/day or POC emissions abated by ≥ 0xidizer:         Condition Condition         C         Temperature monitor         N/A Styrene           emissions abated by ≥ 0xidizer:         2039, Part 13 Vhen not venting to 0xidizer:         P-D         Styrene batches produced         Unit out of period           Exit conc. > entrance conc. by 1ppm or 10% whichever is greater         63.104(b)(1) 63.104(b)(1)         P-Q         EPA Approved Methods service during this compliance period         N/A Unit out of service during this compliance period           Styrene emissions from A-42 ≤ 346 lbs/day         Condition 16610, Part 8 Condition         P-D         Styrene concentration; service during this compliance period         N/A Unit out of service during this compliance period           Styrene emissions         Condition         P-D         Styrene period         N/A Unit out of service during this compliance period           Styrene emissions         Condition         P-D         Styrene period         N/A Unit out of service during this compliance period           N/A         Unit out of service during this compliance period         N/A           Styrene emissions         Condition         P-D         Styrene period         N/A	Unit out of service	Unit out of			16610, Part 8	vented to thermal			16610, Part	
Limit         Monitoring Citation         Monitoring (P/C/N)         Monitoring Type         Monitoring Performed?           POC emissions from all resin reactors, blending and thinning blending and thinning pounds/day or POC cmissions abated by ≥ 2039, Part 6; pounds/day or POC condition         Condition 6859, Part 6; P-D         Temperature monitor         Unit out of service during this compliance period           emissions abated by ≥ 95%         2039, Part 13 When not venting to venting to venting to oxidizer:         P-D         Styrene concentration; records of this compliance batches produced         Unit out of period           Exit conc. > entrance conc. by 1ppm or 10% whichever is greater         63.104(b)(1)         P-Q         EPA Approved Methods         Unit out of service during this compliance period           Styrene emissions from A-42 ≤ 346         Condition 16610, Part 8         P-D         Styrene concentration; records of this compliance period           Styrene emissions from A-42 ≤ 346         Condition 16610, Part 8         P-D         Styrene concentration; records of this compliance period	N/A	N/A	Records	P-D/E	Condition	Scrubber emissions		Υ	Condition	νος
Limit         Requirement         Frequency         Type         Monitoring         Monitoring           POC emissions from all resin reactors, blending and thiming tanks combined ≤ 10         Condition         Condition         Type         Performed?           blending and thiming tanks combined ≤ 10         6859, Part 6;         Temperature         Unit out of service during this compliance this compliance this compliance period           pounds/day or POC         Condition         P-D         Styrene         N/A           pounds/day or POC         Condition         P-D         Styrene         Unit out of venting to concentration; service during oxidizer:         N/A           emissions abated by ≥ 2039, Part 13         Venting to concentration; service during oxidizer:         N/A         N/A           Condition         P-D         Styrene         Unit out of service during this compliance period           Exit conc. > entrance conc.										
Monitoring   Monitoring   Monitoring   Citation   Citation   (P/C/N)   Type   Performed?	-	period	batches produced							
Limit         Citation         (P/C/N)         Type         Performed?           POC emissions from all resin reactors, blending and thinning tanks combined ≤ 10         For \$-336 or S389:         Condition         Temperature monitor         N/A Unit out of service during this compliance period           pounds/day or POC emissions abated by ≥ 2039, Part 13         Condition         P-D         Styrene Unit out of service during this compliance period           emissions abated by ≥ 2039, Part 13         When not venting to venting to venting to oxidizer:         P-D         Styrene Unit out of service during records of this compliance period           Exit conc. > entrance conc. by 1ppm or 10% whichever is greater         63.502(n); P-Q         P-Q         EPA Approved Unit out of service during this compliance period           Styrene emissions from this condition         Condition         P-D         Styrene this compliance period           Exit conc. > entrance conc. by 1ppm or 10% but of this compliance period         63.104(b)(1)         Methods service during this compliance period           Styrene emissions from A-42 ≤ 346         Condition         P-D         Styrene Unit out of service during this compliance period	compliance period	this compliance	records of			lbs/day			4	
Monitoring   Monitoring   Monitoring   Monitoring   Monitoring   Citation   Citation   CP/C/N)   Type   Performed?	during this	service during	concentration,		10010, 1 att 0	0+C < 7+-V 111011			10010, Fart	
Limit         Requirement         Frequency         Type         Performed?           POC emissions from all resin reactors, blending and thinning tanks combined \$\leq 10\$         For \$\leq 336 or C S\leq 389:         Condition         Temperature this compliance this concentration; service during to concentration; service during oxidizer:         N/A           P-D         Styrene         Unit out of concentration; service during this compliance this compliance this concentration; service during this compliance this concentration; service during this compliance th	Unit out of service	Unit out of	on contration:		16610 Day 0	from 1 12 / 316			16610 Dad	
Limit         Monitoring Citation         Monitoring Prequency         Monitoring Type         Monitoring Performed?           POC emissions from all resin reactors, blending and thinning tanks combined ≤ 10 pounds/day or POC pounds/day or POC emissions abated by ≥ 2039, Part 13 poxidizer:         Condition condition         Temperature Type         N/A period Unit out of Service during this compliance period pounds/day or POC Condition           emissions abated by ≥ 2039, Part 13 poxidizer:         When not venting to oxidizer:         P-D         Styrene Unit out of concentration; service during this compliance period this compliance period period           Exit conc. > entrance conc. > preacter         63.502(n); part 8         P-Q         EPA Approved Unit out of service during this compliance period this compliance period this compliance period	N/A	N/A	Styrene	P-D	Condition	Styrene emissions		γ	Condition	VOC
Limit         Citation         (P/C/N)         Type         Performed?           POC emissions from all resin reactors, blending and thinning pounds/day or POC         Condition         Condition         N/A           emissions abated by ≥ 95%         2039, Part 13         P-D         Styrene Unit out of service during this compliance period period           emissions abated by ≥ 2039, Part 13         When not venting to concentration; oxidizer:         P-D         Styrene Unit out of this compliance period           95%         When not venting to condition         P-D         Styrene Unit out of this compliance period           Exit conc. > entrance conc. > entrance conc. > 16610, Part 8         E3.104(b)(1)         P-Q         EPA Approved Unit out of Service during this compliance this complian	1	period								
Limit         Citation         Monitoring         Monitoring         Monitoring         Monitoring         Monitoring         Monitoring         Monitoring           POC emissions from all resin reactors, blending and thinning blending and thinning opunds/day or POC tanks combined ≤ 10         For S-336 or Condition         Condition         Temperature bearing this compliance this compliance period         Unit out of service during this compliance period           pounds/day or POC emissions abated by ≥ 2039, Part 13         2039, Part 13         Yhen not beart 13         P-D         Styrene beart 13         N/A           95%         When not venting to oxidizer: concentration; service during this compliance batches produced batches produced period         Unit out of this compliance batches produced period         N/A           Exit conc. > entrance conc. > lost 19pm or 10%         63.104(b)(1)         P-Q         EPA Approved batches produced service during service during batches produced service during service durin	compliance period	this compliance				whichever is greater				
Limit       Requirement       Frequency       Type       Performed?         POC emissions from all resin reactors, blending and thinning combined ≤ 10       For S-336 or S-389:       C       Temperature Temperature       N/A         blending and thinning tanks combined ≤ 10       6859, Part 6; Condition       monitor       service during this compliance than the compliance than th	during this	service during								
Limit       Requirement       Frequency       Type       Performed?         POC emissions from all resin reactors, blending and thinning combined ≤ 10       Condition       Condition       Temperature       N/A         pounds/day or POC emissions abated by ≥ 95%       2039, Part 13       P-D       Styrene concentration; service during oxidizer:       N/A         psys%       When not venting to condition       P-D       Styrene concentration; service during this compliance batches produced period         Exit conc. > entrance       63.502(n);       P-Q       EPA Approved       N/A	Unit out of service	Unit out of	Methods		63.104(b)(1)	conc. by 1ppm or 10%			63.104(b)(1)	
Monitoring   Monitoring   Monitoring   Monitoring	N/A	N/A	EPA Approved	P-Q	63.502(n);	Exit conc. > entrance		۲	Subpart U	VOC
Limit         Monitoring         Monitoring<					16610, Part 8					
Limit         Requirement         Frequency         Type         Performed?           POC emissions from all resin reactors, pounds/day or POC emissions abated by ≥ 95%         For S-336 or S-389:         C         Temperature Temperature Temperature Service during this compliance that the compliance		period	batches produced		Condition					
Limit Citation (P/C/N)  POC emissions from all resin reactors, pounds/day or POC condition pounds/day or POC emissions abated by ≥ 95%  When not your condition point point properties are concentration; yenting to the concentration; yenting to the concentration; service during to concentration; service during to concentration; service during to concentration; service during this compliance period pounds/day or POC condition cemissions abated by ≥ 2039, Part 13  When not P-D Styrene Unit out of service during to concentration; service during servi	compliance period	this compliance	records of		oxidizer:					
Monitoring Monitoring Monitoring Monitoring  Limit Citation (P/C/N)  POC emissions from For S-336 or C Temperature Vinit out of all resin reactors, blending and thinning tanks combined ≤ 10 pounds/day or POC Condition emissions abated by ≥ 2039, Part 13  Monitoring Monitoring Prequency Type Performed?  Trype Poc Prometic N/A Temperature Vinit out of service during this compliance period period P-D Styrene Unit out of Vinit out of	during this	service during	concentration;		venting to					
Monitoring   Monitoring   Monitoring   Monitoring   Monitoring   Monitoring   Monitoring	Unit out of service	Unit out of				ì				
Monitoring Monitoring Monitoring Monitoring  Limit Citation (P/C/N)  POC emissions from all resin reactors, blending and thinning tanks combined ≤ 10 pounds/day or POC Condition emissions abated by ≥ 2039, Part 13  Requirement Frequency   Type   Performed?  Proquency   Type   Performed?  Temperature   N/A   Unit out of service during this compliance period   p	N/A	N/A	Styrene	P-D	When not	95%				
Limit       Monitoring       Performed?         POC emissions from all resin reactors, all resin reactors, all resin reactors, blending and thinning blending and thinning tanks combined ≤ 10       S-389:       Temperature amonitor service during this compliance this compliance this compliance period         blending and thinning tanks combined ≤ 10       6859, Part 6;       period       period					2039, Part 13	emissions abated by ≥				
Limit       Requirement       Frequency       Type       Performed?         POC emissions from all resin reactors, tanks combined ≤ 10       For S-336 or S-389:       C       Temperature monitor       N/A monitor         S-389: tanks combined ≤ 10       6859, Part 6;       Monitoring Monitoring Monitoring       Monitoring Monitoring					Condition	pounds/day or POC				
Monitoring Monitoring Monitoring Monitoring  Requirement Frequency Type Performed?  Limit Citation (P/C/N)  POC emissions from all resin reactors, S-389: Blending and thinming Condition  Monitoring Monitoring Monitoring Monitoring Type  Frequency Type Performed?  Temperature N/A Unit out of service during this compliance		period			6859, Part 6;	tanks combined ≤ 10				
Monitoring Monitoring Monitoring Monitoring  Requirement Frequency Type Performed?  Limit Citation (P/C/N)  POC emissions from For S-336 or C Temperature N/A Unit out of service during service during	compliance period	this compliance		•	Condition	blending and thinning				
Monitoring Monitoring Monitoring Monitoring Requirement Frequency Type Performed?  Limit Citation (P/C/N)  POC emissions from For S-336 or C Temperature N/A	during this	service during	monitor		S-389:	all resin reactors,			8-36-301	
Monitoring Monitoring Monitoring Monitoring Requirement Frequency Type Performed?  Limit Citation (P/C/N)	N/A	N/A	Temperature	C	For S-336 or	POC emissions from	-	Υ	BAAQMD	РОС
Monitoring Monitoring Monitoring Monitoring  Requirement Frequency Type Performed?				(P/C/N)	Citation	Limit	Date	Y/N	Limit	
Monitoring Monitoring Monitoring	Results	Performed?	Type	Frequency	Requirement	-	Effective	FE	Citation of	
	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			Type of Limit

## Table VII-AV Applicable Limits and Compliance Monitoring Requirements S-507, Latex Plant Reactor, R-100 Abated by A-42, B-368 Latex Plant Styrene Scrubber, Followed by S-336 or S-389, Thermal Oxidizers

	period								
compliance period	this compliance				batches/day, max.			7	
during this	service during			16610, Part 8	oxidizer: 4			16610, Part	
N/A	N/A	Records	P-D	Condition	When not vented to		۲	Condition	Batches
					weight;				
	period	batches produced			scrubber ≥ 80% by				
compliance period	this compliance	records of			concentration in			6	
during this	service during	concentration;		16610, Part 8	oxidizer: Styrene			16610, Part	concentration
N/A	N/A	Styrene	P-D	Condition	When not vented to		~	Condition	Styrene
	period				oberamis misc		"."		
compliance period	this compliance				onersting time				
during this	service during				oxidizer 90% of			Ŋ	
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future	***		Type of Limit
							_		

Table VII – AW
Applicable Limits and Compliance Monitoring Requirements S-519, Chlorinated Pyridine Storage Tank, T-502A
S-520, Chlorinated Pyridine Storage Tank, T-501B
Each abated by S-389, Sym-Tet Thermal Oxidizer or
Operated as Pressure Tanks if S-389 is not operating

VOC	VOC	VOC	Type of Limit
BAAQMD Condition 1748, part 2	BAAQMD 8-5-307	8-5-306	Citation of Limit
Υ	Υ	Υ	Y/N FE
			Future Effective Date
No detectible organic emissions	< 100 ppm (expressed as methane) above background (when operated as a pressure tank)	Control device standards; includes 95% efficiency requirement (when operated with emission control system)	Limit
None	None	BAAQMD Condition 2039, part 13	Monitoring Requirement Citation
z	Z	С	Monitoring Frequency (P/C/N)
N/A	N/A	Temperature monitoring	Monitoring Type
N/A	N/A	Yes	Monitoring Performed?
N/A	N/A	In Compliance	Monitoring Results

Table VII - AX
Applicable Limits and Compliance Monitoring Requirements
S-521, Water Treatment System – Steam Stripper
Abated by S-336 or S-389, Thermal Oxidizers

See Components Table See Components See Components Table Table				200000000000000000000000000000000000000				
See Components		Table	Table	emissions from the				
See Components		Components	Components	with no detectable			1785, Part 1	
	See Con	See	See	System shall be vapor tight		Y	Condition	VOC
			2039, Part 13					
			Condition	dry				
			6859, Part 6;	and ≤ 300 ppm total carbon,			8-2-301	
Temperature monitor Yes In Compliance	Тетреган	С	Condition	Emissions ≤ 15 pounds/day	-	<b>~</b>	BAAQMD	VOC
		(P/C/N)	Citation	Limit	Date	ΥX	Limit	Limit
Performed? Results		Frequency	Requirement	-	Effective	Æ	Citation of	Type of
itoring Type Monitoring Monitoring	g   Monitor	Monitoring	Monitoring Monitoring Monitoring		Future			

	11				1			-	
	••••••		Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of FE	FE	Effective		Requirement	Frequency	Type	Performed?	Results
Limit	Limit	Y/N	Y/N Date	Limit	- Citation	(P/C/N)			٠
Opacity	BAAQMD	۲		Ringelmann No. 1	None	z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	Y		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	Υ		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					

Table VII – AZ

Applicable Limits and Compliance Monitoring Requirements
S-531, Organic Liquid Storage Tank
S-532, Organic Liquid Storage Tank
Abated by S-336 or S-389, Thermal Oxidizers

VOC	Type of Limit
BAAQMD 8-5-306	Citation of Limit
4	FE Y/N
	Future Effective Date
Control device standards; Conditions includes 95% efficiency 2039, part 13, requirement and 6859, part 6	Limit
Conditions 2039, part 13, and 6859, part 6	Monitoring Monitoring Requirement Frequency Citation (P/C/N)
С	4
Temperature monitoring	Monitoring Type
Yes	Monitoring Performed?
In Compliance	Monitoring Results

Applicable Limits and Compliance Monitoring Requirements S-576, HCl Storage Tank, T-122
Abated by A-87, HCl Absorber, and A85, B-102 Absorber in series, followed by A-199, Manufacturing Services Scrubber B-12 Table VII - BA

-			Future	-	Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	FE	Effective	-	Requirement	Frequency	Type	Performed?	Results
Limit	Limit	Ν̈́	Date	Limit	Citation	(P/C/N)		-	
Opacity	BAAQMD	Y		Ringelmann No. 1	For A-87/A-	P-D	Caustic	Υes	In Compliance
	6-301			for < 3 min/hr	85/A-199:		concentration		
					Condition				
					17985, Part 7				
FP	BAAQMD	۲		0.15 grain/dscf	Same as	Same as	Same as Above	Yes	In Compliance
	6-310				Above	Above			
FP	BAAQMD	Υ		$4.10 P^{0.67}$ lb/hr particulate,	Same as	Same as	Same as Above	Yes	In Compliance
-	6-311			where P is process weight	Above	Above			
				rate in ton/hr		-			

Applicable Limits and Compliance Monitoring Requirements Table VII - BB

S-580, Specialty Chemicals Storage Tank, T-3A S-581, Specialty Chemicals Storage Tank, T-3B

S-582, Specialty Chemicals Storage Tank, T-215 S-583, Specialty Chemicals Storage Tank, T-200

Each abated by A-140, Specialty Chemicals Pressure Storage Tanks Vapor Return System

				#3195, Part 4				#3195. Part 3	
•				Condition				Condition	
In Compliance	Yes	Recordkeeping	P/E		Vapor pressure ≤ 0.5 psia		Υ	BAAQMD	VOC
					background				
		Inspection		8-18-401	methane) above			8-5-307	
In Compliance	Yes	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		~	BAAQMD	VOC
Results	Performed?	Monitoring Type	(P/C/N)	Citation	Limit	Date	YZ	Limit	Limit
Monitoring	Monitoring		Frequency	Requirement Frequency		Effective	Æ	Citation of	Type of
	, .		Monitoring	Monitoning		1			
			-						

Table VII – BC
Applicable Limits and Compliance Monitoring Requirements S-586, Recycle Styrene Storage Tank, T-371
Abated by A-42, B-368 Latex Plant Styrene Scrubber, followed by S-336 or S-389, Thermal Oxidizers

VC	Type of
<del> </del>	e of
8-5-307	Citation of Limit
<b>×</b>	YN BE
	Future Effective Date
< 100 ppm (expressed as methane) above background	Limit
8-18-401	Monitoring Requirement Citation
P/Q	Monitoring at Frequency (P/C/N)
Method 21 Inspection	Monitoring Type
N/A Unit out of service during this compliance period Unit out of servic during this compliance period	Monitoring Performed?
N/A  Unit out of service  during this  compliance period  Compliance period	Monitoring Results

Table VII-BD
Applicable Limits and Compliance Monitoring Requirements
S-587, Tank Truck Loading at Latex for Recycle Styrene
Abated by A-141, Vapor Balance System

period									
this compliance	compliance period							_	
service during	during this				- 10,000 Building our			1002,1 mi	
Unit out of	Unit out of service			4002 Part 4	< 48 000 gallons/year			4000 Part	
N/A	N/A	Records	p-E	Condition	Styrene/butadiene loading		Υ	Condition	70V
period									
this compliance	compliance period				≥ 0.5 psia				
service during	during this				10 6 min				
Offit out of	Unit out of service			8-6-503	only, true vapor pressure			8-6-110	
N/A	N/A	Records	P-E	BAAQMD	Load exempt materials		<b>~</b>	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of FE	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Applicable Limits and Compliance Monitoring Requirements S-588, Drum Filling Station Table VII-BE

Filling Abated by A-142, Vapor Balance System or A-177, Container Loading Vapor Balance Line, except for Lorsban 4E-HF

period	period				< 576 drums/day				
service during	during this compliance				drums/12 months and			6	
Unit out of	Unit out of service			3712, Part 7	loading < 32,258			3712, Part	
N/A	N/A	Records	P-D	Condition	Agricultural drum		Υ	Condition	VOC
period									
this compliance	period				≤ 604 drums/day				
service during	during this compliance				gallons/12 months and			ر.	
Unit out of	Unit out of service		_	3712, Part 7	$loading \leq 3,416,000$			3712, Part	
N/A	N/A	Records	P-D	Condition	Chlorinated solvent		Y	Condition	VOC
period									
this compliance	period			-					
service during	during this compliance				pressure ≤ 0.5 psia				
Unit out of	Unit out of service			8-6-503	only, true vapor			8-6-110	• •
N/A	N/A	Records	P-E	BAAQMD	Load exempt materials		Y	BAAQMD	VOC
period									
this compliance	period				ppm total carbon, dry				
service during	during this compliance				pounds/day and ≤ 300		-		
Unit out of	Unit out of service	Inspection		3712, Part 4	emissions ≤ 15			8-2-301	
N/A	N/A	Method 21	PD	Condition	Drum Cleaning		У	BAAQMD	POC
	-		(P/C/N)	Citation	Limit	Date	ΝΆ	Limit	Limit
Results	Performed?	and the second s	Frequency	Requirement		Effective	不把	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Applicable Limits and Compliance Monitoring Requirements S-593, Plant 640 Section 1, Abated by A-146, NMP Scrubber and A-147, Water Scrubber S-594, Plant 640 Section 2, Abated by A-147, Water Scrubber S-595, Plant 640 Section 3, Abated by A-149, Water Scrubber S-596, Plant 640 Section 4, Abated by A-147, Water Scrubber S-596, Plant 640 Section 4, Abated by A-147, Water Scrubber and A-148, Water Scrubber Scrubber and A-148, Water Scrubber

								=	
				4780, Part 16	cars/year			4780, Part	
In Compliance	Yes	Records	P-E	Condition	Railcar shipments ≤ 330		۲	Condition	VOC
	09/11/08				8 pounds/day				
	Test Date -		permit term	4780, Part 18 permit term	Plant 640 shall not exceed ≤			4780, Part 1	
In Compliance	Yes	Source Test	P once per	Condition	POC emissions for MEI		<b>~</b>	Condition	VOC
	09/11/08				dry				
	Test Date -		permit term	4780, Part 18	and ≤ 300 ppm total carbon, 4780, Part 18 permit term			8-2-301	
In Compliance	Yes	Source Test	P once per	Condition P once per	Emissions ≤ 15 pounds/day		У	BAAQMD	РОС
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement Frequency		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring Monitoring	,	Future			

Abated by A-157, Vapor Return for Truck Loading Facility - Vapor Balance Applicable Limits and Compliance Monitoring Requirements S-604, Tank Truck Loading Facility Plant 640 Table VII-BG

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	FΕ	Effective	www	Requirement	Frequency	Туре	Performed?	Results
Limit	Limit	N/A	Date	Limit	Citation	(P/C/N)			
VOC	BAAQMD	ү		Load exempt materials	BAAQMD	P-E	Records	Yes	In Compliance
•	8-6-110			only, true vapor	8-6-503				
				pressure ≤ 0.5 psia					
VOC	Condition	۲		No detectable	Sœ	See	See	See Components	See Components
	4780, Part			emissions from tank	Components	Components	Components	Table	Table
	6			truck loading < 100	Table	Table	Table		
				ppm organic as					
				methane measured					
				1cm from source					

Applicable Limits and Compliance Monitoring Requirements Table VII - BH

N/A Unit out of Service during this compliance period N/A Unit out of service period N/A Unit out of service service during this compliance period N/A Unit out of service service during this compliance period N/A Unit out of service service during this compliance period N/A Unit out of service service during this compliance period Compliance period N/A Unit out of service service during this compliance period period	Temperature monitoring			loaded				
	l .			nounde/1000 mallons			0100, I mi 5	
		P-E	Condition 5180,	Abated POC emissions < 0.35		Υ	Condition	POC
	monitoring		Part 6	95% wt			5180, Part 2	
	Temperature	P-E	Condition 5180,	Capture efficiency ≥		Υ	Condition	VOC
							8-6-306	
<u> </u>			Part 7	good working order			8-6-305,	
	Inspection	P-E	Condition 5180,	Vapor tight, leak free,		Υ	BAAQMD	VOC
				loaded				
	1-2-			pounds/1000 gallons			•	
				emissions < 0.35				
				control system with				
				filling, or vapor loss				
700.00				fill pipe, bottom				
meriod compitance period				container: Submerged				
				transportable				
 	monitoring		Part 6	vehicle or			8-6-302.2	
	Temperature	P-E	Condition 5180,	Loading into delivery		Υ	вааомр	VOC
				loaded				
				pounds/1000 gallons				
h				emissions < 0.35				
				control system with				
this compliance   compliance period				balance or vapor loss				
	monitoring		Part 6	vehicle: Vapor			8-6-302.1	
	Temperature	P-E	Condition 5180,	Loading into delivery		Υ	BAAQMD	VOC
	2-	(P/C/N)	Citation	Limit	Date	Y/N	Limit	
Pertormed? Results	Type	Frequency	Requirement		Effective	Æ	Citation of	Limit
3	Monitoring	Monitoring	Monitoring		Future			Type of

Table VII - BI
Applicable Limits and Compliance Monitoring Requirements
S-620, HCL Truck Loading Operation
Abated by A-165, HCl Truck Loading Scrubber System

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	ŖΕ	Effective		Requirement	Frequency	Type	Performed?	Results
Limit	Limit	N/Υ	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	λ		Ringelmann No. 1	Condition	P-E	Visual Check	Yes	In Compliance
	6-301			for < 3 min/hr	#4945, Parts 2				
					& 3				
FP	BAAQMD	Y		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	γ		4.10 P 0.67 lb/hr particulate,	None	Z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					
HCI	Subpart	Υ		Monitoring equipment	None	P- semi-	N/A	Yes	In Compliance
	NNNN			calibrated according to site-		annual			
	63.9005(d);			specific monitoring plan					
	63.9040(c)								

Table VII - BJ
Applicable Limits and Compliance Monitoring Requirements
S-631, Portable Resin Dryer D-203C
Abated by S-336, Manufacturing Services Thermal Oxidizer

				,	ا ا ا		*		i k
			Future		Monitoring	Monitoring		Monitoring	Surionuoivi
Type of	Citation of	FΕ	FE Effective		Requirement	Frequency   Monitoring	Monitoring Type	Performed?	Results
Limit	Limit	Y.N	Date	Limit	Citation	(P/C/N)			
VOC	Condition	۲		Must be abated by S-336	Condition	P-E	Records	Yes	In Compliance
	5336, Part 1			whenever operating	5336, Part 3				
VOC	Condition	Υ		No detectable emissions	See	See	See Component	See Component	See Component
	5336, Part 2			from piping and equipment	Component	Component	Table		
					Table	Table			

Table VII - BK
Applicable Limits and Compliance Monitoring Requirements
S-633, Water Treatment Carbon Bed Regeneration
Abated by S-336 or S-389, Thermal Oxidizers

			Table	Table					
	1	Table	Component	Component				5722, Part 1	
See Component Table	See Component	See Component	See	See	No detectable emissions		Υ	Condition	VOC
				2039, Part 13					
				Condition	C02				
				Part 6,	organic carbon oxidized to				
		monitors		6859,	weight and ≥ 90% of			8-1-110.3	
In Compliance	Yes	Temperature	C	Condition	VOC abated ≥ 85% by	-	~	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Date	Ϋ́Z	Limit	Limit
Results	Performed?	*****	Frequency	Requirement Frequency	1 -	Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring	-	Future			
			-						

Table VII – BL

Applicable Limits and Compliance Monitoring Requirements
S-638, Truck Mounted Bulk Transportable Pressure Tank X-205

		_		_	
VOC				VOC	Type of Limit
BAAQMD 8-6-302.1			8-5-307	BAAQMD	Citation of Limit
Υ				۲	Y/N FE
					Future Effective Date
Equipped with vapor balance or vapor loss control system; emissions \( \leq 0.35 \] lbs/1000 gallons			methane) above background	< 100 ppm (expressed as	Limit
None			3712, Part 8		Monitoring Requirement Citation
Z				P-Q or event	Monitoring Frequency (P/C/N)
N/A				Method 21	Monitoring Type
N/A	the monitoring period	present at the Pittsburg site during	= 6	N/A	Monitoring Performed?
N/A	during the monitoring period	present at the Pittsburg site	The transportable tank has not been	N/A	Monitoring Results

Table VII – BM
Applicable Limits and Compliance Monitoring Requirements
S-641, Groundwater Treatment Plant Decant Tank, T-440
Abated by S-336 or S-389, Thermal Oxidizers

In Compliance	Y8	Method 21 Inspection	P/Q		operated with emission control system)  < 100 ppm (expressed as methane) above background (when operated as pressure tank)		~	BAAQMD 8-5-307	VOC
Monitoring Results In Compliance	Monitoring Performed? Yes	Monitoring Frequency (P/C/N) Monitoring Type C Temperature monitoring	Monitoring Frequency (P/C/N)	Monitoring Requirement Citation BAAQMD Conditions 2039. part 13.	Limit Control device standards; includes 95% efficiency requirement (when	Future Effective Date	Y Y/N FE	Citation of Limit BAAQMD 8-5-306	Type of Limit VOC

Table VII -- BN
Applicable Limits and Compliance Monitoring Requirements
S-644, Hydrochloric Acid Storage Tank, T-34A
S-645, Hydrochloric Acid Storage Tank, T-34B

Both abated by A-179, X-39/B-39 Scrubber System or S-336, Manufacturing Services Thermal Oxidizer

					-					
ļ	HCl				FP		FP		Opacity	Type of Limit
Condition # 7775 Part 1	BAAOMD			6-311	BAAQMD	6-310	BAAQMD	6-301	BAAQMD	Citation of Limit
ı	Y				۲		Υ		~	Y/N FE
				·						Future Effective Date
$36\% \text{ HC1} \le 3,000,000$ gallons/12 months	Combined throughput of	ton/hr	process weight rate in	particulate, where P is	$4.10  \mathrm{P}^{ 0.67}  \mathrm{lb/hr}$		0.15 grain/dscf	for < 3 min/hr	Ringelmann No. 1	Limit
Condition # 7775 Part 5	BAAQMD				None		None		None	Monitoring Requirement Citation
	P/M				Z		Z		z	Monitoring Frequency (P/C/N)
	Records				N/A		N/A		N/A	Monitoring Type
	Yes				N/A		N/A		N/A	Monitoring Performed?
,	In Compliance				N/A		N/A		N/A	Monitoring Results

Abated by A-180, HCl Tank Truck Loading Vapor Return Line - Vapor Balance to A-179, X-39/B-39 Scrubber System or S-644, T-34A 36% HCl Storage Tank or Applicable Limits and Compliance Monitoring Requirements S-646, 36% HCl Tank Truck Loading Operation S-645, T-34B 36% HCl Storage Tank or S-336, **Manufacturing Services Thermal Oxidizer** Table VII - BO

		i			9	1	0	, 5 0	; -
Type of	Citation of	FE	Effective	*	Requirement	Frequency		Performed?	Results
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	4		Ringelmann No. 1	None	Z	N/A	N/A	N/A
	6-301			for < 3 min/hr					
FP	BAAQMD	ሃ		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310								
FP	BAAQMD	4		4.10 P 0.67 lb/hr particulate,	None	z	N/A	N/A	N/A
	6-311			where P is process weight					
				rate in ton/hr					
PM	Condition	Υ		Throughput of 36% HCl ≤	Condition	P-M	Records	Yes	In Compliance
	7775, Part 3			3,000,000 gallons/12 months 7775, Part 5	7775, Part 5				

Table VII - BP

Applicable Limits and Compliance Monitoring Requirements S-647, Catalytic Hydrogen Chloride Plant
Followed by S-648, Hydrogen Chloride Absorber E-277

Vents Abated by A-181, B-278 Packed Bed Column,
Followed by A-182, B-279 Packed Bed Column,
Followed by A-184, ME 290 A/B Carbon Beds, or
S-336, Manufacturing Services Thermal Oxidizer

					ppm				
					carbon bed exhaust ≥ 10			12	
		Inspection		Part 12	thermal oxidizer if final			8894, Part	
In Compliance	Yes	Method 21	P-D	Condition 8894,	Shutdown or vent to		~	Condition	VOC
					organic ≥ 10 ppm			11	
		Inspection		Part 11	bed within 72 hours of			8894, Part	
In Compliance	Yes	Method 21	P-D	Condition 8894,	Changeout of first carbon		~	Condition	VOC
				Part 6					
		monitor		Condition 6859,					
In Compliance	Yes	Temperature	For S-336: C	For S-336:					
		-		Parts 11 & 12	carbon, dry				
		Inspection	P-D	Condition 8894,	and ≤ 300 ppm total			8-2-301	
In Compliance	Yes	Method 21	For A-184:	For A-184:	Emissions ≤ 15 pounds/day		۲	BAAQMD	POC
		-	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	FE	Citation of	of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			Туре
		×							

Table VII - BQ
Applicable Limits and Compliance Monitoring Requirements S-648, Hydrogen Chloride Absorber, E-277
Abated by A-181, B-278 Packed Bed Column, Followed by A-182, B-279 Packed Bed Column, Followed by A-184, ME 290 A/B Carbon Beds or S-336, Manufacturing Services Thermal Oxidizer

Type of	Citation of	7 7	Future		Monitoring	Monitoring	Monitoring Type	P Mo	Monitoring Performed?
	Limit	ΥN	Date	Limit	Citation	(P/C/N)			
Opacity B/	BAAQMD	۲		Ringelmann No. 1	None	N	z	N/A	/A N/A
	6-301			for < 3 min/hr					
FP B/	BAAQMD	<b>≺</b>		0.15 grain/dscf	None	z	7	N/A	I/A N/A
	6-310								
FP B/	BAAQMD	۲	:	4.10 P <sup>0.67</sup> lb/hr particulate,	None	z		N/A	N/A N/A
	6-311			where P is process weight					
				rate in ton/hr					
VOC C	Condition	۲		Changeout of first carbon	Condition	P-D		Portable	Portable Yes
38	8894, Part			bed within 72 hours of	8894, Part 11		<b>-</b>	hydrocarbon	ydrocarbon
	=			organic ≥ 10 ppm				detector	detector
VOC C	Condition	~		Shutdown or vent to	Condition	P-D		Portable	Portable Yes
	8894, Part			thermal oxidizer if final	8894, Part 11		<u>-</u>	hydrocarbon	ydrocarbon
<del></del>	12			carbon bed exhaust ≥ 10				detector	detector
				ppm	:				
VOC C	Condition	<b>~</b>		POC emissions ≤ 292	Condition	P-M		Records,	Records, Yes
	8894, Part			lbs/12 months and HCl	8894, Part 14		0	Calculations	alculations
	13		_	emissions ≤ 730 lbs/12					
				months					
					CIDITOTII	IIIOIIIIS	Holluis	IIIOIIIII	HOHOLI

Table VII – BR
Applicable Limits and Compliance Monitoring Requirements

S-649, 36% Hydrogen Chloride Acid Storage Tank, V-277 Abated by A-181, B-278 Packed Bed Column, followed by A-182, B-279 Packed Bed Column, followed by A-184, ME 290A/B Carbon Beds, or S-336, Manufacturing Services Thermal Oxidizer

र ef		YN FE	Effective Date	Limit  Ringelmann No. 1  for < 3 min/hr	<u></u>	Frequency (P/C/N) N	Type N/A	Performed? N/A	Results N/A
FP	BAAQMD	~		0.15 grain/dscf	None	z	N/A	N/A	N/A
	6-310						-		
F₽	BAAQMD	Υ		4.10 P <sup>0.67</sup> lb/hr	None	Z	N/A	N/A	N/A
	6-311			particulate, where P is					
				process weight rate in					
				ton/hr					

Table VII - BS

Applicable Limits and Compliance Monitoring Requirements S-650, 36% Hydrogen Chloride Acid Storage Tank, V-280A S-651, 36% Hydrogen Chloride Acid Storage Tank, V-280B S-652, 36% Hydrogen Chloride Acid Storage Tank, V-280C

Abated by A-181, B-278 Packed Bed Column, followed by A-182, B-279 Packed Bed Column, followed by A-184, ME 290A/B Carbon Beds or S-336, Manufacturing Services Thermal Oxidizer

-		FP		FP		Opacity	Type of Limit
	6-311	BAAQMD	6-310	BAAQMD	6-301	ty BAAQMD	of Citation of
<u>.</u>		рγ		υ		р	of FE
							Future Effective Date
process weight rate in ton/hr	particulate, where P is	$4.10  P^{0.67}  lb/hr$		0.15 grain/dscf	for < 3 min/hr	Ringelmann No. 1	Limit
		None		None		None	Monitoring Monitoring Requirement Frequency Citation (P/C/N)
		Z		Z	•	z	Monitoring Frequency (P/C/N)
		N/A		N/A		N/A	Monitoring Type
		N/A		N/A		N/A	Monitoring Performed?
		N/A		N/A		N/A	Monitoring Results

Table VII-BT
Applicable Limits and Compliance Monitoring Requirements
S-654, Abrasive Blasting Operation
Abated by A-185, Eagle Containment Screens

					Standard sieve material				
-					abrasives, ≤ 1% wt #70 US				
				3 & 4	including re-used certified			•	_
				8591, Parts	for dry unconfined blasting,			12-4-305.1	
In Compliance	Yes	Records	P-E	Condition	Before blasting: abrasives		<b>~</b>	BAAQMD	PM
					303 or 12-4-305 through 309				
					blasting other than in 12-4-				
					removal and preparation, and			304	
				8591, Part 3	or pavement marking			12-4-303,	
In Compliance	Yes	Records	P-E	Condition	Operating requirements for		×	BAAQMD	PM
					303 though 12-4-309				
					No. 2, if comply with 12-4-			12-4-302	
N/A	N/A	N/A	z	None	Unconfined: Ringelmann		<b>×</b>	BAAQMD	Opacity
					No. 1			12-4-301	
N/A	N/A	N/A	z	None	Unconfined: Ringelmann		~	SIP	Opacity
					12-4-303 though 12-4-309				
					No. 1, unless comply with			12-4-301	•
N/A	N/A	N/A	z	None	Unconfined: Ringelmann		z	BAAQMD	Opacity
					in ton/hr				
					where P is process weight rate			6-311	
N/A	N/A	N/A	z	None	Confined: 4.10 P 0.67 lb/hr,		<b>~</b>	BAAQMD	FP
				8591, Part 5	1 for < 3 min/hr			6-301	
In Compliance	Yes	Inspection	P-W	Condition	Confined: Ringelmann No.		Υ	BAAQMD	Opacity
			(P/C/N)	nt Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requireme		Effective	Ŧ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

## Table VII-BT Applicable Limits and Compliance Monitoring Requirements S-654, Abrasive Blasting Operation Abated by A-185, Eagle Containment Screens

		-	Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	HE	Effective	**	Requireme	Erequency	Type	Performed?	Results
Limit	Limit	ΥN	Date	Limit	nt Citation	(P/C/N)			*
PΜ	BAAQMD	Υ		After blasting: abrasives for	Same as	Same as	Same as	Yes	In Compliance
	12-4-305.2			dry unconfined blasting,	Above	Above	Above		
				excluding reused certified					
		_		abrasives, ≤ 1.8% wt 5					
				micron or smaller material					
PM	BAAQMD	۲		Abrasives for unconfined dry	Condition	P-E	Records	Yes	In Compliance
	12-4-306			blasting must be certified	8591, Parts				
				annually	3, 4				
PM	BAAQMD	Z		Type of blasting for which	Condition	P-E	Records	Yes	In Compliance
	12-4-308,			confined blasting is required	8591, Part 3				•
	12-4-309			and operational requirements					٠
				for blasting of stucco or					
				concrete					
PM	Condition	Y		Confined: grit type blast	Condition	P-M	Records	Yes	In Compliance
	8591, Part 1			media throughput ≤ 270.4	8591, Part 3	•			
				tons/12 months					
РМ	Condition	γ		Unconfined: grit type blast	Same as	Same as	Same as	Yes	In Compliance
	8591, Part 2			media throughput ≤33.8	Above	Above	Above		
				tons/12 months					
PM	Condition	~		Unconfined blasting: Only	Same as	Same as	Same as	Yes	In Compliance
	8591, Part 4			certified abrasives may be	Above	Above	Above		
				used					

## Applicable Limits and Compliance Monitoring Requirements S-662, Storage Tank, T-243

S-663, Storage Tank, T-242 S-664, Storage Tank, T-244

Abated by A-192, Vent Recovery System, S-336, Manufacturing Services Thermal Oxidizer, S-389, Sym-Tet Thermal Oxidizer, or Pressure Valve Setting

VOC	Type of Limit
8-5-307 DMQAAB	Citation of Limit
Υ	FE Y/N
	Future Effective Date
< 100 ppm (expressed as methane) above background	Limit
BAAQMD 8-18-401	Monitoring Requirement Citation
P/Q	Monitoring Frequency (P/C/N)
Method 21 Inspection	Monitoring Type
Yes	Monitoring Performed?
In Compliance	Monitoring Results

Table VII – BV
Applicable Limits and Compliance Monitoring Requirements S-675, Carbon Tetrachloride Railcar Storage Tank

N/A Unit out of service during this compliance period	N/A Unit out of service Unit out of service during this during this compliance period compliance period	Records	P/E	BAAQMD Condition # 13335 Part 3	Unloading Events ≤ 5		۲	BAAQMD Condition # 13335 Part 2	VOC
Unit out of service during this compliance period	Unit out of service Unit out of service during this during this compliance period compliance period			Condition # 13335 Part 3	5,669 gallons (74,720 lbs) during any consecutive twelve-month period			Condition #	
compliance period N/A	compliance period compliance period  N/A  N/A	Records	P/E	BAAQMD	Carbon tetrachloride <		~	BAAOMD	VOC
N/A Unit out of service during this	Unit out of service  during this  Unit out of service  during this	Portable hydrocarbon detector	P/E	8-5-503	Concentration of < 10,000 ppm as methane after cleaning		~	BAAQMD 8-5-328.1.2	VOC
N/A Unit out of service during this compliance period	N/A Unit out of service Unit out of service during this during this compliance period compliance period	Records	P/E	BAAQMD 8-5-501	Tank cleaning control by liquid balancing in which the resulting organic liquid has a TVP less than 0.5 psia		Υ	BAAQMD 8-5-328.1.1	VOC
N/A Unit out of service during this compliance period	N/A Unit out of service during this compliance period compliance period	Method 21 Inspection	P/Q	BAAQMD 8-18-401	< 100 ppm (expressed as methane) above background		Y	BAAQMD 8-5-307	VOC
Monitoring Results	Monitoring Performed?	Monitoring Type	Monitoring Frequency (P/C/N)	Monitoring Requirement Citation	Limit	Future Effective Date	Y/N EB	Citation of Limit	Type of Limit

Table VII – BW
Applicable Limits and Compliance Monitoring Requirements
S-680, Pressure Tank, T-440

	-			-				ī				1				-							-
	VOC			VOC		•		VOC			VOC				· · · · ·	VOC			VOC	Limit	Type of		
Condition # 14354 Part 2	BAAOMD	14354 Part 1	Condition #	BAAQMD			8-6-304	BAAQMD		8-3-328.1.2	BAAQMD				8-5-328.1	BAAQMD		8-5-307	BAAQMD	Limit	Citation	Citation of	
	4			۲				Y			~					Υ			4	ĭŽ	Ē		
																				Date	Effective	Future	
Chromonia Erono	Unloading Events < 5	during any consecutive twelve-month period	5,669 gallons (74,720 lbs)	Carbon tetrachloride <	≤ 0.17 lbs/1000 gallons	control system, emissions	balance or vapor loss	Equipped with vapor	Circuini 5	ppm as memane aner	Concentration of < 10,000	psia	has a TVP less than 0.5	the resulting organic liquid	liquid balancing in which	Tank cleaning control by	background	methane) above	< 100 ppm (expressed as	Limit			
Condition # 14354 Part 3	BAAOMD	14354 Part 3	Condition #	BAAQMD				None		0-0-000	BAAQMD				8-5-501	BAAQMD		8-18-401	BAAQMD	Citation	Requirement	Monitoring	
1/2	9/E			P/E				Z			P/E				_	P/E			P/Q	(P/C/N)	Frequency	Monitoring	
1800100	Records			Records				N/A	de locator.	nydrocaroon	Portable					Records		Inspection	Method 21	Type	Monitoring		
183	<b>Y</b> <sub>28</sub>			Yes				A/N			Yes					Yes			Yes	Performed?	Monitoring		
III Compitance	In Compliance		,	In Compliance				N/A			In Compliance					In Compliance			In Compliance	Results	Monitoring		

Abated by A-191, Carbon Tetrachloride Tank Truck Loading Vapor Return Line - Vapor Balance Applicable Limits and Compliance Monitoring Requirements S-681, Truck Transfer Table VII - BX

Type of Limit VOC	Citation of Limit BAAQMD 8-6-302.1	Y/N Y	Effective Date	Limit  Loading into delivery vehicle: Vapor balance or vapor loss control system with emissions < 0.35	Requirement Citation Condition 14354, Part 5	Frequency (P/C/N) P-E		Type  Method 21  Inspection
				vapor loss control system with emissions < 0.35 pounds/1000 gallons loaded				
OOV	BAAQMD 8-6-302.2	Υ		Loading into delivery vehicle or transportable	Condition 14354, Part 5	tion Part 5	iion P-E	
				pipe, bottom filling, or vapor loss control system with emissions < 0.35 pounds/1000 gallons loaded				
VOC	BAAQMD 8-6-304	~		Loading into storage tank (2,008 to 39,630 gallons):	Condition 14354, Part	Condition 14354, Part 5	lition P-E Part 5	
				Vapor balance or vapor loss control system with				
				emissions < 0.17 pounds/1000 gallons loaded				
VOC	BAAQMD	×		Vapor tight, leak free, good	Condition	lition	lition P-E	P-E
	8-6-305,			working order	14354	14354, Part 5	, Part 5	, Part 5 Inspection

Table VII - BY
Applicable Limits and Compliance Monitoring Requirements S-682, Groundwater Treatment Plant Air Stripper Abated by S-336 or S-389, Thermal Oxidizers

Type of Limit VOC	Citation of Limit BAAQMD 8-47-301	Y/N Y/N	Future Effective Date	Limit  Operations with emit benzene, vinyl chloride, perchloroethylene,	Monitoring Requirement Citation Condition 6859, Part 6,	Monitoring Frequency (P/C/N)	in the second to the	Type Temperature monitor
	8-47-301			benzene, vinyl chloride, perchloroethylene, methylene chloride, or trichloroethylene shall be abated ≥ 90% by weight	6859, Part 6, Condition 2039, Part 13	99, 16, ition 'art 13	99, 16, 1ition 1art 13	
VOC	Condition 14722, Part	Υ		All piping shall be vapor tight with no detectable organic emissions	See Component Table	æ onent ole	See onent Component ole Table	
VOC	Condition 14722, Part 2	Υ		Groundwater treated ≤ 52,560,000 gallons/12 months	Con 14722	Condition 14722, Part 5	, Part 5	
VOC	Condition 14722, Part 3	۲		VOC fed to stripper ≤ 52,560 pounds/12 months	Co 1472	Condition 14722, Part 5	ndition P-M 22, Part 5	
VOC	Condition 14722, Part 4	٧		Carbon tetrachloride concentration in groundwater ≤ 105 ppmw	1477	Condition 14722, Part 5	ndition P-M or more 22, Part 5 frequent	

Table VII – BZ

Applicable Limits and Compliance Monitoring Requirements
S-683, Storage Vessel, D-110A

_			1				-1				-	_		
			VOC				VOC				VOC	Limit	Type of	
	15372 Part 5	Condition #	BAAQMD		15372 Part 3	Condition #	BAAQMD			8-5-307	BAAQMD	Limit	Citation of	
			Υ				Υ				Y	Y/N	FE	
												Date	Effective	3
С	as measured at 25 degrees	materials stored ≤ 0.5 psia	Vapor pressure of	period	consecutive twelve-month	585,000 gallons during any	Acrylic acid throughput ≤		background	methane) above	< 100 ppm (expressed as	Limit		
	15372 Part 4	Condition #	BAAQMD		153/2 Part 4	Condition #	BAAQMD			8-18-401	BAAQMD	Citation	Requirement	Monitoring
			P/M				P/M				P/Q	(P/C/N)	Frequency	Monitoring
			Records				Records			Inspection	Method 21	Monitoring Type		
compliance period compliance period	during this	Unit out of service Unit out of service	N/A	compliance period compliance period	during this	Unit out of service Unit out of service	N/A	compliance period compliance period	during this	Unit out of service Unit out of service	N/A	Performed?	Monitoring	
compliance period	during this	Unit out of service	N/A	compliance period	during this	Unit out of service	N/A	compliance period	during this	Unit out of service	N/A	Results	Monitoring	

Table VII - CA
Applicable Limits and Compliance Monitoring Requirements
S-684, Dowicil Packaging System
Abated by A-193, Cartridge Dust Collector System

								1	
				15944, Part 4	2.3 lbs/12 months			15944, Part	
In Compliance	Yes	Records	P-M	Condition	Abated PM10 emissions ≤		×	Condition	PM
					rate in ton/hr				
				15944, Part 3	where P is process weight   15944, Part 3			6-311	
In Compliance	Yes	Backpressure	P-W	Condition	4.10 P 0.67 lb/hr particulate, Condition		~	BAAQMD	FP
				15944, Part 3				6-310	
In Compliance	Yes	Backpressure	P-W	Condition	0.15 grain/dscf		~	BAAQMD	FP
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. 1		~	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?		Frequency	Requirement Frequency		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			

Table VII - CB
Applicable Limits and Compliance Monitoring Requirements S-693, Distillation System
Abated by A-194, X-600 Venturi and A-195, B-615 Scrubber

								Part 3	
		rate		15932, Part 8	rate ≥ 17 gal/minute			15932,	rate
In Compliance	Yes	Caustic circulation	P-W	Condition	Alkali solution circulation			Condition	Circulation
					56.9 lbs/12 months			Part l	
				15932, Part 8	from S-693 and S-694 <			15932,	
In Compliance	Yes	Records	P-W	Condition	Combined POC emissions		Y	Condition	VOC
criteria					4.6 psig				
8-10-301	10-301 criteria				organic partial pressure <				
S-693 meet the	693 meet the 8-				contained/treated until				
No vessels in	No vessels in S-		·	21060	recovered/combusted or			8-10-301	
N/A	N/A	Records	P-E	Condition	Vessel depressurization		~	BAAQMD	POC
					dry				
		rate		15932, Part 8	and ≤ 300 ppm total carbon,			8-2-301	
In Compliance	Yes	Caustic circulation	P-W	Condition	Emissions ≤ 15 pounds/day		~	BAAQMD	POC
					rate in ton/hr				
		rate		15932, Part 8	where P is process weight			6-311	
In Compliance	Yes	Caustic circulation	P-W	Condition	4.10 P 0.67 lb/hr particulate,		γ	BAAQMD	FP
		rate		15932, Part 8				6-310	
In Compliance	Yes	Caustic circulation	P-W	Condition	0.15 grain/dscf		¥	BAAQMD	Ą
					for < 3 min/hr			6-301	
N/A	N/A	N/A	z	None	Ringelmann No. 1		Y	BAAQMD	Opacity
			(P/C/N) .	Citation	Limit	Date	Y/N	of Limit	Limit
Results	Performed?		Frequency	Requirement		Effective	¥E	Citation	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			
			***	ļ					

Table VII - CC
Applicable Limits and Compliance Monitoring Requirements S-694, Reaction/HCl Absorption System
Abated by A-195, B-615 Scrubber

					gal/minute			Part 7	
-		rate		15932, Part 8	rate at A-195 ≥ 50			15932,	rate
In Compliance	Yes	Caustic circulation	P-W	Condition	Alkali solution circulation		×	Condition	Circulation
					56.9 lbs/12 months			Part 1	
				15932, Part 8	from S-693 and S-694 <			15932,	
In Compliance	Yes	Records	P-W	Condition	Combined POC emissions	-	Υ	Condition	VOC
					4.6 psig				
					organic partial pressure <				
					contained/treated until				
				21060	recovered/combusted or			8-10-301	
In Compliance	Yes	Records	. P-E	Condition	Vessel depressurization		¥	BAAQMD	РОС
					dry				
		rate		15932, Part 8	and ≤ 300 ppm total carbon,			8-2-301	
In Compliance	Yes	Caustic circulation	P-W	Condition	Emissions ≤ 15 pounds/day		<b>۲</b>	BAAQMD	РОС
			(P/C/N)	Citation	Limit	Date	Y/N	of Limit	Limit
Results	Performed?	*	Frequency	Requirement		Effective	FΕ	Citation	Type of
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future			-

Table VII – CD
Applicable Limits and Compliance Monitoring Requirements
S-695, Storage Tank, T-526

								10	
				15932 Part 13				15932 Part	
				Condition #				Condition #	
In Compliance	Yes	Records	P/W	BAAQMD	Vapor pressure ≤ 0.5 psia		Υ	BAAQMD	V0C
				15932 Part 13	≤ 198.9 lbs/12 months			15932 Part 9	
				Condition #	from S-695, S-696, S-697			Condition #	
In Compliance	Yes	Records	P/W	BAAQMD	Combined POC emissions		Υ	BAAQMD	VOC
					background				
		Inspection		8-18-401	methane) above			8-5-307	
In Compliance	Yes	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		Υ	BAAQMD	VOC
Results	Performed?	Type	(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Monitoring	Monitoring	Monitoring	Monitoring Frequency	Monitoring Requirement		Future Effective	HE	Citation of	Type of

Table VII – CE Applicable Limits and Compliance Monitoring Requirements S-696, T-585

VOC BAAQMD Y Vapor pressure ≤ 0.5 psia BAAQMD P/W Records Condition # 15932 Part 13 10 10 10 10 10 10 10 10 10 10 10 10 10	VOC         BAAQMD         Y         Combined POC emissions         BAAQMD         P/W         Records           Condition #         from S-695, S-696, S-697         Condition #         Condition #         L5932 Part 13	VOC       BAAQMD       Y       < 100 ppm (expressed as methane) above	Type of Citation of Limit V/N Date Limit Monitoring Monitoring Monitoring Requirement Frequency Monitoring Citation (P/C/N) Type
3 #	_		
Records	Records	Method 21 Inspection	Monitoring Type
Yes	Yes	Yes	Monitoring Performed?
In Compliance	In Compliance	In Compliance	Monitoring Results

Table VII - CF
Applicable Limits and Compliance Monitoring Requirements
S-697, ISO Container Loading Operation
Abated by Vapor Balance System

								12	
				13				15932, Part	ä
				15932, Part				Condition	
In Compliance	Yes	Inspection	P-E	Condition	Vapor balance required		¥	BAAQMD	VOC
								9	
				13	198.9 lbs/12 months			15932, Part	
				15932, Part	from S-695, S-696, S-697 ≤			Condition	
In Compliance	Yes	Records	· P/W	Condition	Combined POC emissions		~	BAAQMD	VOC
				8-6-501.1	psia			8-6-110	liquids
In Compliance	Yes	Records	P-E	BAAQMD	True vapor pressure < 0.5		~	BAAQMD	Exempt
			(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	HE	Citation of	Type of
Monitoring	Monitoring	Monitoring Monitoring	Monitoring	Monitoring	-	Future			
A									

Table VII - CG
Applicable Limits and Compliance Monitoring Requirements S-699, Purge Tank/Drum Loading Operation

				15	gallons/12 months	•		14	
				15932, Part	stream throughput ≤ 30,000			15932, Part	
In Compliance	Yes	Records	P-W	Condition	Distillation system purge		¥	Condition	VOC
				8-6-501.1	psia			8-6-110	liquids
In Compliance	Yes	Records	P-E	BAAQMD	True vapor pressure < 0.5		~	BAAQMD	Exempt
		:	(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Results	Performed?	Type	Frequency	Requirement Frequency		Effective	Æ	Citation of FE Effective	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - CH
Applicable Limits and Compliance Monitoring Requirements
S-701, T-12 at Manufacturing Services
Operated as a Pressure Tank or Vented to S-336,
Manufacturing Services Thermal Oxidizer

		monitor		6859, Part 6					
In Compliance	Yes	Temperature	С	Condition				•	•
				by S-336:			•		
	-			When abated					
N/A	N/A	N/A	z	z	0.17 lbs/1000 gallons				
				pressure tank:	control system, emissions ≤				
				operated as a	balance or vapor loss	-		8-6-304	
				When	Equipped with vapor		Υ	BAAQMD	VOC
		Inspection	•	8-18-401	methane) above background			0-0-00	
In Compliance	Yes	Method 21	P/Q	BAAQMD	< 100 ppm (expressed as		<b>×</b>	BAAQMD	VOC
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement Frequency	i.	Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	- 4	Future			

Table VII – CI
Applicable Limits and Compliance Monitoring Requirements
Source: S-704, Acrylonitrile Storage Tank D-120A

Type of	Citation of	E	Future Effective		Monitoring Requirement	Monitoring Frequency		Monitoring	
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Monitoring Type	Performed?	Monitoring Results
VOC	BAAQMD	¥		< 100 ppm (expressed as	BAAQMD	P/Q	Method 21	N/A	N/A
	8-5-307			methane) above	8-18-401		Inspection	Unit out of service Unit out of service	Unit out of service
				background				during this	during this
								compliance period	compliance period
V0C	BAAQMD	۲		Tank cleaning control by	BAAQMD	P/E	Records	N/A	N/A
	8-5-328.1			liquid balancing in which	8-5-501			Unit out of service	Unit out of service
				the resulting organic liquid				during this	during this
				psia psia				compliance period compliance period	compliance period
VOC	BAAQMD	۲		Acrylonitrile ≤ 580,000	BAAQMD	P/M	Records	N/A	N/A
,	Condition #			gallons during any	Condition #			Unit out of service Unit out of service	Unit out of service
	17878 Part 3			consecutive twelve-month	17878 Part 4			during this	during this
•				Perion				compliance period compliance period	compliance period

Table VII - CJ
Applicable Limits and Compliance Monitoring Requirements
S-705, Shot Blast Unit
Abated by A-198, Dust Collector

P-D
P-E
P-E
Z
(P/C/N)
Frequency
Monitoring   Monitoring Type

Table VII - CK
Applicable Limits and Compliance Monitoring Requirements
S-706, FPI Standby Generator (Diesel)

			•		Pariaty Parmit)				
					Title V Major Facility				
					the facility has been issued a				
					date of entry (60 months if			4	
				22830, Part 4	at least 36 months from the			22830, Part	PM
In Compliance	N/A	Records	P-M	Condition	Maintain monthly records for		z	Condition	N0x, C0,
								2	
		operation	•	18317, Part 5				18317, Part	
		hours of		Condition	hours/calendar year			Condition	
		meter indicating		9-8-530,	related activities ≤ 100			9-8-330,	PM
In Compliance	Yes	Fuel meter or	С	BAAQMD	Operation for reliability-		z	BAAQMD	NOx, CO,
								1	
		certification		18317, Part 1	by weight			18317, Part	
In Compliance	Yes	Vendor	P-E	Condition	Fuel sulfur content ≤ 0.05%		z	Condition	PM
					emissions ≤ 300 ppm, dry				
					concentration in the resulting				
		certification		18317, Part 1	by weight, unless the SO2			9-1-304	
In Compliance	Yes	Vendor	P-E	Condition	Fuel sulfur content ≤ 0.5%		z	BAAQMD	S02
					over 24 hours				
					ppm for 60 minutes, or 0.05				
					0.5 ppm for 3 minutes, 0.25			9-1-301	
N/A	N/A	N/A	Z	None	Ground level concentration s		z	BAAQMD	S02
								6-310	
N/A	N/A	N/A	Z	None	0.15 grain/dscf		z	BAAQMD	FP
								6-303	
N/A	N/A	N/A	z	None	Ringelmann No. 2		z	BAAQMD	Opacity
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII – CL

Applicable Limits and Compliance Monitoring Requirements S-707, Diesel Engine Backup Generator P1A
S-708, Diesel Engine Backup Generator P1B
S-710, Diesel Engine Backup Generator 480A
S-711, Diesel Engine Backup Generator 223

								-	
		operation		19724, Part 4				19724, Part	
		hours of		Condition	hours/calendar year			Condition	
		meter indicating		9-8-530,	related activities ≤ 100			9-8-330,	PM
In Compliance	Yes	Fuel meter or	С	BAAQMD	Operation for reliability-		z	BAAQMD	NOx, CO,
					emissions ≤ 300 ppm, dry				
					concentration in the resulting				
		certification		19724, Part 5	by weight, unless the SO2			9-1-304	
In Compliance	Yes	Vendor	P-E	Condition	Fuel sulfur content ≤ 0.5%		z	BAAQMD	S02
					over 24 hours				
					ppm for 60 minutes, or 0.05				
					0.5 ppm for 3 minutes, 0.25			9-1-301	
N/A	N/A	N/A	Z	None	Ground level concentration s		z	BAAQMD	SO2
								6-310	
N/A	N/A	N/A	z	None	0.15 grain/dscf		Z	BAAQMD	FP
								6-303	
N/A	N/A	N/A	z	None	Ringelmann No. 2		z	BAAQMD	Opacity
-			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Performed?	Type	Frequency	Requirement		Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Table VII - CM
Applicable Limits and Compliance Monitoring Requirements
S-709, IC Engine Backup Generator 471A

			Future		Monitoring	Monitoring	Monitoring	Monitoring	Monitoring
Type of	Citation of	FΕ	Effective		Requirement	Frequency	Type	Performed?	Results
Limit	Limit	XX	Date	Limit	Citation	(P/C/N)			
Opacity	BAAQMD	z		Ringelmann No. 2	None	Z	N/A	N/A	N/A
	6-303					•			
FP	BAAQMD	Z		0.15 grain/dscf	None	Z	N/A	N/A	N/A
	6-310								
SO2	BAAQMD	z		Ground level concentration s	None	z	N/A	N/A	N/A
	9-1-301			0.5 ppm for 3 minutes, 0.25					
				ppm for 60 minutes, or 0.05					
				over 24 hours					
S02	BAAQMD	z		Fuel sulfur content ≤ 0.5%	None	z	N/A	N/A	N/A
	9-1-304			by weight, unless the SO2					
				concentration in the resulting	•				
				emissions ≤ 300 ppm, dry					
NOx, CO,	BAAQMD	z		Operation for reliability-	BAAQMD	С	Fuel meter or	Yes	In Compliance
PM	9-8-330,			related activities ≤ 100	9-8-530,		meter indicating		
	Condition			hours/calendar year	Condition		hours of		
	19724, Part				19724, Part 4		operation		
	1								

HCI Emissions from B-40 Abated by S-434, Manufacturing Services Facility Followed by A-199, Manufacturing Services Scrubber B-12 or

HCl Emissions from B-40 Abated by A-87 and A-85, Acid Absorbers, Followed by A-199 Manufacturing Services Scrubber B-12

All other Emissions Abated by A-201, Venturi Scrubber X-100 and A-202, Caustic Scrubber B-105

						FP							FP							Opacity		Type of Limit	
					6-311	BAAQMD						6-310	BAAQMD						6-301	BAAQMD	Limit	Citation of	
						۲				•			Υ							ሃ	Y/N	Æ	
																					Date	Effective	Future
			ton/hr	process weight rate in	particulate, where P is	4.10 P <sup>0.67</sup> lb/hr							0.15 grain/dscf						for < 3 min/hr	Ringelmann No. 1	Limit		
Parts 5, 6	20303,	A-202: Condition	For A-201/	Part 7	Condition 17985,	For A-199:	Parts 5, 6	20303,	A-202: Condition	For A-201/	Part 7	Condition 17985,	For A-199:	Parts 5, 6	20303,	A-202: Condition	For A-201/	Part 7	Condition 17985,	For A-199:	Citation	Requirement	Monitoring
		P-D	A-201/A-202			A-199: P-D			P-D	A-201/A-202			A-199: P-D			P-D	A-201/A-202			A-199: P-D	(P/C/N)	Frequency	Monitoring
		concentration	Caustic		concentration	Caustic			concentration	Caustic		concentration	Caustic			concentration	Caustic		concentration	Caustic		Type	Monitoring
			Yes			Yes				Yes			Yes				Yes			Yes		Performed?	Monitoring
			In Compliance			In Compliance				In Compliance			In Compliance				In Compliance			In Compliance		Results	Monitoring

### Table VII – CN hle Limits and Compliance Monitoring Requiremen

# Applicable Limits and Compliance Monitoring Requirements S-712, Sulfuryl Fluoride Plant

HCI Emissions from B-40 Abated by S-434, Manufacturing Services Facility Followed by A-199, Manufacturing Services Scrubber B-12 or

HCl Emissions from B-40 Abated by A-87 and A-85, Acid Absorbers, Followed by A-199 Manufacturing Services

All other Emissions Abated by A-201, Venturi Scrubber X-100 and A-202, Caustic Scrubber B-105 Scrubber B-12

	8/5-7/2008		every 5 years					_	
	Test date -	Source Test	P once	Part 7	3.6 lbs/12 months			20303, Part	
In Compliance	Yes	Records	P-M	Condition 20303,	Abated SO2 emissions ≤		¥	Condition	S02
	8/5-7/2008		every 5 years		months			1	
	Test date -	Source Test	P - once	Part 7	emissions ≤ 15.5 lbs/12			20303, Part	
In Compliance	Yes	Records	P-M	Condition 20303,	Abated HF and HCl		۲	Condition	Acid
	8/5-7/2008		every 5 years		months			_	
	Test date –	Source Test	P – once	Part 7	emissions ≤ 440.8 lbs/12			20303, Part	Fluoride
In Compliance	Yes	Records	P-M	Condition 20303,	Abated sulfuryl fluoride   Condition 20303,		~	Condition	Sulfuryl
								6	
		concentration		Part 7	1% by weight			17985, Part	concentration
In Compliance	Yes	Caustic	P-D	Condition 17985,	Caustic concentration ≥		Υ	Condition	Caustic
				Parts 5, 6					
				20303,					
		concentration		Part 7, Condition				9-1-302	
In Compliance	Yes	Caustic	P∙D	Condition 17985,	SO2 ≤ 300 ppm, dry		<b>~</b>	BAAQMD	SO2
					hrs				
				Parts 5, 6	60 min; 0.05 ppm for 24				
				20303,	for 3 min; 0.25 ppm for				
		concentration		Part 7, Condition	concentrations 0.5 ppm		-	9-1-301	
In Compliance	Yes	Caustic	P-D	Condition 17985,	Ground level		~	BAAQMD	S02
	vi.		(P/C/N)	Citation	Limit	Date	ΥN	Limit	
Results	Performed?	Туре	Frequency	Requirement		Effective	Æ	Citation of	Type of Limit
Monttoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

Page 110 of 124

# Applicable Limits and Compliance Monitoring Requirements S-712, Sulfuryl Fluoride Plant

HCI Emissions from B-40 Abated by S-434, Manufacturing Services Facility Followed by A-199, Manufacturing Services Scrubber B-12 or

HCI Emissions from B-40 Abated by A-87 and A-85, Acid Absorbers, Followed by A-199 Manufacturing Services Scrubber B-12

All other Emissions Abated by A-201, Venturi Scrubber X-100 and A-202, Caustic Scrubber B-105

Two of imit Citation of RE	Limit Y/N	Sulfuryl Condition Y	Fluoride 20303, Part	4		All other Condition Y	Condition 20303, Part	Condition 20303, Part 4	Condition 20303, Part 4 Condition	Condition 20303, Part 4 Condition 20303, Part	Condition 20303, Part 4 Condition 20303, Part 4	Condition 20303, Part 4 Condition 20303, Part 4 Condition	Condition 20303, Part 4 Condition 20303, Part 4 Condition 20303, Part	Condition 20303, Part 4 Condition 20303, Part 4 Condition 20303, Part 4 4 4 4 4 4	Condition 20303, Part 4 Condition 20303, Part 4 Condition 20303, Part 4 Condition 20303, Part 4 Condition	Condition 20303, Part 4 Condition 20303, Part 4 Condition 20303, Part 4 Condition 20303, Part 4 Condition
Future			effi				effi	effi	effi	effi	cffi	effi	effi Sc	effi Sc Sca	effi Sci	effi Sc
	Limit	Combined control	efficiency of A-201, A-	202 ≥ 98.5%		Combined control	Combined control efficiency of A-201, A-	Combined control iciency of A-201, A- 202 ≥ 99.98%	Combined control efficiency of A-201, A- 202 ≥ 99.98% Scrubber water ≥ 145	Combined control iciency of A-201, A- 202 ≥ 99.98% crubber water ≥ 145 gal/minute	Combined control iciency of A-201, A- 202 ≥ 99.98% crubber water ≥ 145 gal/minute	Combined control efficiency of A-201, A- 202 ≥ 99.98% Scrubber water ≥ 145 gal/minute Scrubber solution ≥ 50	Combined control iciency of A-201, A- 202 ≥ 99.98% crubber water ≥ 145 gal/minute gal/minute ≥ 50	Combined control iciency of A-201, A- 202 ≥ 99.98% crubber water ≥ 145 gal/minute rubber solution ≥ 50 gal/minute	Combined control iciency of A-201, A- 202 ≥ 99.98% crubber water ≥ 145 gal/minute gal/minute pH ≥ 8	Combined control iciency of A-201, A- 202 ≥ 99.98% crubber water ≥ 145 gal/minute gal/minute pH ≥ 8
Monitoring	Citation	Condition 20303,	Parts 5, 6		Condition 20303,		Parts 5, 6	Parts 5, 6	Parts 5, 6 Condition 20303,	Parts 5, 6 Condition 20303, Part 5	Parts 5, 6 Condition 20303, Part 5	Parts 5, 6  Condition 20303, Part 5  Condition 20303,	Parts 5, 6  Condition 20303, Part 5  Condition 20303, Part 5	Parts 5, 6  Condition 20303, Part 5  Condition 20303, Part 5	Parts 5, 6  Condition 20303, Part 5  Condition 20303, Part 5  Condition 20303,	Parts 5, 6  Condition 20303, Part 5  Condition 20303, Part 5  Condition 20303, Part 6
Monitoring	(P/C/N)	С	P.D		C		P-D	P-D	P-D	C P-D	C C	C C P-D	C C P.D	C C	P-D C	P-D C
Monitoring	,	Flowmeters;	Caustic strength		Flowmeters;	Caustic strength	Causiic su ciigii	Causiic su cigii	Flowmeter	Flowmeter	Flowmeter	Flowmeter Flowmeter	Flowmeter Flowmeter	Flowmeter Flowmeter	Flowmeter Flowmeter Caustic strength	Flowmeter Flowmeter Caustic strength
Monitoring Performed?		Yes			Yes		-		Yes	Yes	Yes	Y & Y &	Yes Yes	Yes	x x x x	x
Monitoring  Results		In Compliance			In Compliance				In Compliance	In Compliance	In Compliance	In Compliance In Compliance	In Compliance In Compliance	In Compliance In Compliance	In Compliance In Compliance In Compliance	In Compliance In Compliance In Compliance

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

																РОС									РОС	Pollutant		
															8-18-302	BAAQMD								8-18-301	BAAQMD	Citation	Limit	Emission
																<b>~</b>									<b>~</b>	Y/N	FE	
																										Date	Effective	Future
									within 24 hours.	APCO, repaired	If discovered by the	and repaired ≤ 7 days.	minimized ≤ 24 hours	has been discovered,	ppm, unless the leak	Valve leaks ≤ 100		and repaired ≤ 7 days	minimized ≤ 24 hours	has been discovered,	ppm, unless the leak	equipment leaks ≤ 100	304, 305, 306:	Sections 302, 303,	Except if subject to	Emission Limit		
8-18-404			-			8-18-401.5		8-18-401.3			8-18-401.2				8-18-401.1	BAAQMD				8-18-401.5				8-18-401.1	BAAQMD	Citation	Requirement	Monitoring
are met.	requirements	P-A, if	hrs of repair.	limits: $P \le 24$	>Section 300	If leak	valves: P-A	Inaccessible		valves: P-Q	Accessible	turnaround.	during a	if opened	after startup,	$P-\leq 90$ days	300 limits.	leak >Section	of repair, if	P-w/i 24 hrs	turnaround.	during a	if opened	after startup,	P – ≤ 90 days	(P/C/N)	Frequency	Monitoring
Method 21					Inspection	Method 21	Inspection	Method 21		Inspection	Method 21				Inspection	Method 21			Inspection	Method 21				Inspection	Method 21			Monitoring Type
Yes					Yes		Yes				Yes					Yes				Yes					Yes		Performed?	Monitoring
In Compliance					In Compliance		In Compliance				In Compliance					In Compliance				In Compliance					In Compliance		Results	Monitoring

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

						-														-			РОС		Pollutant		
			-					•			•						•				8-18-305	8-18-303,	BAAQMD		Citation	Limit	Emission
																							~		ΥN	FЕ	
																									Date	Effective	Future
															within 24 hours.	by the APCO, repaired	7 days. If discovered	hours and repaired w/i	minimized w/i 24	has been discovered,	ppm, unless the leak	and PRD leaks ≤ 500	Pump, Compressor,		Emission Limit		-
8-18-403	) )	20		8-18-401.8				8-18-401.7				•	8-18-401.5				8-18-401.2					8-18-401.1	BAAQMD		Citation	Requirement	Monitoring
Pumps and	after release	working days	released: P-5	PRD that has	P-Q	horn outlet:	inaccessible	PRD w/	limits.	> Section 300	repair, if leak	hours of	P-w/i 24	PRD: P-Q	compressor,	pump,	Accessible	turnaround.	during a	opened	startup, if	days of	P – w/i 90		(P/C/N)	Frequency	Monitoring
Visual inspection			Inspection	Method 21			Inspection	Method 21				Inspection	Method 21			Inspection	Method 21				-	Inspection	Method 21	Inspection			Monitoring Type
Yes				Yes				Yes					Yes				Yes						Yes			Performed?	Monitoring
In Compliance				In Compliance				In Compliance					In Compliance				In Compliance						In Compliance			Results	Monitoring

# Table VII-CO Applicable Limits and Compliance Monitoring Requirements Components

					Devices ≤ 1%,				
					Pressure Relief				
				8-18-502.4	Valves ≤ 0.5%,		_	8-18-306.2	
In Compliance	Yes	Records	P-E	BAAQMD	Awaiting repair:		۲	BAAQMD	POC
					whichever is first				
					scheduled turnaround,				-
					within 5 yrs or at next				
				8-18-502.4	Repair or replace			8-18-306.1	
In Compliance	Yes	Records	P-E	BAAQMD	If cannot be repaired:		<b>Y</b>	BAAQMD	POC
		Inspection	P-A						
In Compliance	Yes	Method 21	Connectors:	8-18-401.6					
			300 limits.		within 24 hours.				
			leak >Section		APCO, repaired				
		Inspection	of repair, if		and discovered by the				
In Compliance	Yes	Method 21	P-w/i 24 hrs	8-18-401.5	if inspected per 401.6				
			turnaround.		repaired ≤ 7 days. Or				•
			during a		≤ 24 hours and				
			opened		discovered, minimized		,		
			startup, if		leak has been				
		Inspection	days after	8-18-401.1	100 ppm, unless the			8-18-304	
In Compliance	Yes	Method 21	P – w/i 90	BAAQMD	Connection leaks ≤		Y	BAAQMD	РОС
			not staffed						
			when facility						
			P-D, except						
			Compressors:						
			(P/C/N)	Citation	Emission Limit	Date	Y/N	Citation	Pollutant
Results	Performed?		Frequency	Requirement		Effective	FE	Limit	
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future		Emission	_
				1		7	_		

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

cm from		8-25-302 methane	POC SIP Y Pumps:	repaired	w/i 24	8-18-307 discovers	Υ	repair	lbs/day	If mass e	lb/da;	Compr	Pur		PRDs ≤ (	≤0.1 lb/	Valves av	emission	8-18-306.3 Meas	POC BAAQMD Y If cannot	·	unless c	Compre	Pun	Pollutant Citation Y/N Date Emiss	Limit FE Effective	Emission Future
,	cm from PRV, unless	methane measured ≤ 1	Pumps: 500 ppm as	repaired w/i 7 days.	w/i 24 hours and	discovered, minimized	Liquid leaks must be	repair w/i 7 days	lbs/day TOC, must	If mass emissions > 15	lb/day and 5%.	Compressors ≤ 0.2	Pumps and	5%,	PRDs ≤ 0.2 lb/day and	≤0.1 lb/day and 1%,	Valves awaiting repair	emissions w/i 7 days;	Measure mass	If cannot be repaired:	306.3	unless comply with	Compressors ≤ 1%,	Pumps and	Emission Limit	<del>-</del>	
	SIP	8-25-401.2	SIP			8-18-403	BAAQMD												8-18-502.4	BAAQMD					Citation	Requirement	Monitoring
	P-within 7		P-Q		not staffed	when facility	P-D, except													P-E					(P/C/N)	Frequency	Monitoring
		Inspection	Method 21			Inspection	Method 21					•								Records							Monitoring Type
			Yes				Yes													Y &						Performed?	Monitoring
		•	In Compliance				In Compliance													In Compliance						Results	Monitoring

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

				•			80	РОС										8	РОС		- <u>-</u>					Pollutant C		E
						8-25-306	8-25-304.1,	SIP										8-25-303	SIP							Citation	Limit	Emission
								~											<b>≺</b>							X	Æ	
																										Date	Effective	Future
whichever is first	scheduled turnaround,	within 5 years or next	Repair or replace	times in a year:	APCO to be leaking 2	those found by the	and compressors and	Non-repairable pumps	the APCO	hours if discovered by	or repaired within 24	discovery by operator	within 7 days of	hours and repaired	minimized within 24	PRV, unless	measured ≤ 1 cm from	ppm as methane	Compressors: 500	the APCO	hours if discovered by	or repaired within 24	discovery by operator	within 7 days of	hours and repaired	Emission Limit		
			8-25-503.4	SIP	8-25-401.1	SIP	8-25-401.2	SIP								8-25-401.1	SIP	8-25-401.2	SIP							Citation	Requirement	Monitoring
				-	days of repair	P-within 7		P-Q								days of repair	P-within 7		P-Q							(P/C/N)	Frequency	Monitoring
						Records	Inspection and	Method 21										Inspection	Method 21									Monitoring Type
								Yes			-								Yes								Performed?	Monitoring
								In Compliance											In Compliance								Results	Monitoring

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

P-within 7 Records  1 days of repair  A P-within 7 Method 21 Yes In Compliance In Spection  P-within 7 Method 21 Yes In Compliance In Spection  P-D Visual Inspection  P-D Visual Inspection  P-D Visual Inspection  P-E Method 21 Yes In Compliance In Spection and Report  P-Q Inspection  P-Q Inspection  Inaccessible: Method 21 Yes In Compliance P-Q Inspection  Inaccessible: Method 21 Yes In Compliance In Compliance In Spection  Inaccessible: Method 21 Yes In Compliance In Compl	SIP       P-D         8-25-403       P-within 7         8-25-401.1       days of repair         BAAQMD       P-E         8-28-401       Accessible:         8-28-402       P-Q         SIP       Inaccessible:         8-28-402.3       P-A         SIP       None         8-28-404       None	ninimized within 24 hours of discovery by operator and repaired within 7 days PRV: Inspection within 5 working days of release event 10,000 ppm as methane measured ≤ 1 cm from PRV, unless: vented to vapor recovery or disposal	<	BAAQMD 8-28-402 SIP 8-28-301 SIP 8-28-301.1	POC POC
P-within 7 Records  days of repair  P-within 7 Records  P-within 7 Records  P-within 7 Method 21  P-within 7 Method 21  P-within 7 Method 21  P-within 7 Method 21  P-E Method 21  Inspection and Report  Accessible: Method 21  P-Q Inaccessible: Method 21  P-A Inspection  None Identification  Yes		hours of discovery by operator and repaired within 7 days  PRV: Inspection within 5 working days of release event 10,000 ppm as methane measured ≤ 1 cm from PRV, unless:  vented to vapor	<		POC POC
P-within 7 Records  days of repair  P-within 7 Records  P-within 7 Method 21 Yes  P-within 7 Method 21 P-within 7 Method 21 P-within 7 Method 21 P-within 7 Method 21 P-E Method 21 Report  Accessible: Method 21 P-Q Inaccessible: Method 21 P-A Inspection Method 21 P-A Inspection		hours of discovery by operator and repaired within 7 days PRV: Inspection within 5 working days of release event 10,000 ppm as methane measured ≤ 1 cm from PRV, unless:	< z		POC POC
P-within 7 Records  days of repair  P-within 7 Records  P-within 7 Method 21 Yes  P-within 7 Method 21 P-within 7 Method 21  P-within 7 Method 21  P-within 7 Method 21  P-E Method 21 Inspection and Report  Accessible: Method 21  P-Q Inspection  Method 21 Yes  Method 21 Yes  P-Q Inspection  Method 21 Yes		hours of discovery by operator and repaired within 7 days  PRV: Inspection within 5 working days of release event 10,000 ppm as methane measured ≤ 1 cm from PRV, unless:	≺ z		POC
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Records  P-within 7 Method 21  P-D Visual Inspection  P-within 7 Method 21  Gays of repair Inspection  P-E Method 21  F-E Method 21  Inspection and Report  Accessible: Method 21  Inspection  Report  Accessible: Method 21  Yes		hours of discovery by operator and repaired within 7 days PRV: Inspection within 5 working days of release event 10,000 ppm as methane measured ≤ 1	< z		POC
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes  P-within 7 Method 21 Yes  P-within 7 Method 21 Inspection  P-E Method 21 Inspection  P-E Method 21 Inspection and Report  Accessible: Method 21 Yes		hours of discovery by operator and repaired within 7 days  PRV: Inspection within 5 working days of release event  10,000 ppm as	× z		POC
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes  P-within 7 Method 21 P-within 7 Method 21 Yes  P-within 7 Method 21 Inspection  P-E Method 21 Inspection and Report		hours of discovery by operator and repaired within 7 days  PRV: Inspection within 5 working days of release event	z		POC
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection  P-D Visual Inspection Yes  P-within 7 Method 21 Yes  P-within 7 Method 21 Yes  P-E Method 21 Yes Inspection and		minimized within 24 hours of discovery by operator and repaired within 7 days PRV: Inspection within 5 working days	z		POC
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection  P-D Visual Inspection  P-within 7 Method 21 Yes  Adays of repair Inspection  P-within 7 Method 21 Yes  Method 21 Yes		minimized within 24 hours of discovery by operator and repaired within 7 days PRV: Inspection	z		POC
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection  P-D Visual Inspection  P-within 7 Method 21 Yes  Pwithin 7 Method 21 Yes  Inspection		hours of discovery by operator and repaired within 7 days	•		
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection  P-D Visual Inspection  P-within 7 Method 21 Yes  Inspection Yes  P-within 7 Method 21 Yes		minimized within 24 hours of discovery by operator and repaired	•		
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection  P-D Visual Inspection  P-within 7 Method 21 Yes		minimized within 24 hours of discovery by	•		
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection  P-D Visual Inspection Yes		minimized within 24	•		
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection  P-D Visual Inspection Yes		Liquid leaks must be		8-25-307	
P-within 7 Records days of repair  P-within 7 Records  days of repair  P-within 7 Method 21 Yes  days of repair Inspection			<b>≺</b>	SIP	РОС
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes days of repair Inspection		consecutive quarters			
P-within 7 Records days of repair  P-within 7 Records  P-within 7 Method 21 Yes  days of repair Inspection		leak > 500 ppm for 4			
P-within 7 Records days of repair  P-within 7 Records  Method 21 Yes  Inspection		under §304.1 shall not		8-25-306	
P-within 7 Records days of repair  P-within 7 Method 21 Yes	8-25-401.1 days of repair	repaired or replaced		8-25-305,	
P-within 7 days of repair	SIP P-within 7	Pump or compressor	Υ	SIP	POC
P-within 7 days of repair	8-25-503.4				
P-within 7 days of repair	SIP		_		
P-within 7	8-25-401.1 days of repair				
	SIP P-within 7	repair ≤ 1%		8-25-306	
	8-25-401.2	compressors awaiting		8-25-304.2,	
P-Q Method 21 Yes In Compliance	SIP P-Q	Number of pumps and	۲ ٔ	SIP	POC
n (P/C/N)	Citation (P/C/N)	Emission Limit	Y/N Date	Citation Y	Pollutant
ent Frequency Performed? Results	Requirement Frequency		FE   Effective	Limit	
ng Monitoring Monitoring Type Monitoring Monitoring	Monitoring Monitoring		Future	Emission	

Table VII-CO
Applicable Limits and Compliance Monitoring Requirements
Components

					scheduled turnaround				
		Inspection	P-A	8-28-402.3	repaired at next				
In Compliance	Yes	Method 21	Inaccessible:	SIP	within 15 days, and				
		Inspection	P-Q	8-28-402	identified, minimized			8-28-301.5	
In Compliance	Ϋ́εs	Method 21	Accessible:	SIP	Leak has been		~	SIP	РОС
					is required				
		Inspection	P-A	8-28-402.3	process unit shutdown				
In Compliance	Yes	Method 21	Inaccessible:	SIP	within 15 days unless				
		Inspection	P-Q	8-28-402	identified and repaired			8-28-301.4	
In Compliance	Yes	Method 21	Accessible:	SIP	Leak has been		~	SIP	РОС
					setpoint of the PRV				
				8-28-404	pressure exceeds the			8-28-301.3	
In Compliance	Yα	Identification	None	SIP	Static upstream		~	SIP	РОС
					rupture disc				
					or installation of				-
					hours of replacement				
					inspected within 36				
				8-28-404	rupture disc and been			8-28-301.2	
In Compliance	Yes	Identification	None	SIP	PRV protected by		~	SIP	РОС
					efficient				
			(P/C/N)	Citation	<b>Emission Limit</b>	Date	Y/N	Citation	Pollutant
Results	Performed?		Frequency	Requirement		Effective	FE	Limit	
Monitoring	Monitoring	Monitoring Type	Monitoring	Monitoring		Future		Emission	-
		,× ,							

Table VII – CP

Applicable Limits and Compliance Monitoring Requirements
Polymers and Resins I (Latex) MACT
Latex Plant, including
S-336, Manufacturing Services Thermal Oxidizer
S-389 Manufacturing Services Thermal Oxidizer
S-683, D-110A Storage Vessel

S-704, D-120A Acrylonitrile Storage Tank A-42, B-368 Latex Plant Styrene Scrubber Heat Exchangers

					repair, repair at next				
					emissions than delaying	•	<u> </u>		
					shutdown causes greater			ij	
					within 2 months or if			§104(e)(2)(i	
					leak at next shutdown if			Subpart F	•
_				63.104(f)(2)	repair provisions met, repair			Part 63.,	HAP
In Compliance	Yes	Records	P-E	40 CFR	Heat Exchangers: If delay of		~	40 CFR	Organic
					days of repair or startup				
					leak; confirm repair within 7				
					days after confirmation of			§104(d)(1)	
					met, repair leak within 45			Subpart F	
				63.104(f)(1)	delay of repair provisions			Part 63.,	HAP
In Compliance	Yes	Records	P-E	40 CFR	Heat Exchangers: Unless		~	40 CFR	Organic
								j)	
					detect leaks			§104(c)(1)(i	-
				. —	of styrene and butadiene to			Subpart F	
				63.104(c)(1)(iii)	water analyzed for presence			Part 63.,	HAP
In Compliance	Yes	Testing	P-Q	40 CFR	Heat Exchangers: Cooling	_	۲	40 CFR	Organic
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
IXC3uns	I ci loi nicu.	Type	Frequency	Requirement	-	Effective	FΕ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			

### Citation of §113(a)(2) §113(a)(2) Subpart G Subpart G Part 63., Part 63., 40 CFR 40 CFR Limit Æ ΥN < < Effective Future Date Applicable Limits and Compliance Monitoring Requirements situations, repair within 120 Primary Abatement Device: Reduction ≥ 98% by weight Primary Abatement Device: ppmv dry (corrected to 3% whichever is less stringent temperature 986 degreesC shutdown or for all other or to concentration ≤ 20 combustion air is used), oxygen if supplemental S-336, Manufacturing Services Thermal Oxidizer S-389 Manufacturing Services Thermal Oxidizer Minimum operating S-704, D-120A Acrylonitrile Storage Tank A-42, B-368 Latex Plant Styrene Scrubber Limit Polymers and Resins I (Latex) MACT S-683, D-110A Storage Vessel Latex Plant, including **Heat Exchangers** Table VII – CP 40 CFR Part 63., 40 CFR Part 63., 40 CFR Part 63. Requirement §485(o)(1)(i) Monitoring §114(d)(1), Subpart U, Subpart G, Subpart G, §114(a) Citation §114(a) §485(a) Monitoring Frequency (P/C/N) C a a

Temperature

Yes

In Compliance

monitor

Flowmeter

Yes

In Compliance

Organic

HAP

Organic

Temperature

Ϋ́es

In Compliance

monitor

HAP

Type of

Monitoring

Performed? Monitoring

Monitoring

Results

Type

Limit

Facility Name: Dow Chemical Company Permit for Facility #: A0031

Table VII – CQ
Applicable Limits and Compliance Monitoring Requirements
MACT - Equipment Leaks

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and Latex Plant Fugitive Components, including: **Sym-Tet Plant Fugitive Components Instrumentation Systems** 

					be implemented				
					improvement plan must				
					leak, a quality				
					pumps in a process unit				
					10% of pumps or > 3				
					service, Phase III: If>			§163(d)(2)	HAP
In Compliance	Yes	Calculations	P-M	§63.181(b)(1)	Pumps in light liquid		Y	40 CFR Part 63,	Organic
		inspection			service: Liquid leak			§163(b)(3)	HAP
In Compliance	Υœ	Visual	P-W	§63.163(b)(3)	Pumps in light liquid		<b>٢</b>	40 CFR Part 63,	Organic
					1,000 ppm				
					Other pumps, Phase III:				
					ppm				
		inspection			service, Phase III: 5,000			§163(b)(2)(iii)	НАР
In Compliance	Yes	Method 21	P-M	§63.163(b)(1)	Pumps in monomer		Y	40 CFR Part 63,	Organic
					ppm				
		inspection			service, Phase II: 5,000			§163(b)(2)(ii)	HAP
In Compliance	Yes	Method 21	P-M	§63.163(b)(1)	Pumps in light liquid		Y	40 CFR Part 63,	Organic
					ppm				
		inspection			service, Phase I: 10,000			§163(b)(2)(i)	HAP
In Compliance	Yes	Method 21	P-M	§63.163(b)(1)	Pumps in light liquid		<b>~</b>	40 CFR Part 63,	Organic
		*	(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Results	Performed?	Type	Frequency	Requirement	-	Effective	FE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	* .	Future			

Facility Name: Dow Chemical Company
Permit for Facility #: A0031

Table VII – CQ
Applicable Limits and Compliance Monitoring Requirements
MACT - Equipment Leaks
Latex Plant Fugitive Components, including:

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and **Sym-Tet Plant Fugitive Components Instrumentation Systems** 

			per 4 quarters						
		inspection	leakers: P-once						
In Compliance	Yes	Method 21	For < 0.5%	§63.165(d)(4)			•		
			per 2 quarters						
		inspection	leakers: P-once						
In Compliance	Yes	Method 21	For < 1%	§63.165(d)(3)					
	•	inspection	leakers: P-Q						
In Compliance	Yes	Method 21	For < 2%	§63.165(d)(2)					
			Plan						
			Improvement						
			Quality						
			P-Q with a		500 ppm				
		inspection	leakers: P-M or		light liquid service, III:			§168(b)(2)(iii)	HAP
In Compliance	Yes	Method 21	For≥2%	§63.165(d)(1)	Valves in gas/vapor and		۲	40 CFR Part 63,	Organic
					II: 500 ppm				
		inspection			light liquid service, Phase	•		§168(b)(2)(ii)	HAP
In Compliance	Yes	Method 21	P-Q	§63.168(c)	Valves in gas/vapor and		۲	40 CFR Part 63,	Organic
					l: 10,000 ppm				
		inspection			light liquid service, Phase			§168(b)(2)(i)	HAP
In Compliance	Yes	Method 21	P-Q	§63.168(c)	Valves in gas/vapor and	•	×	40 CFR Part 63,	Organic
					ppm above background				
		inspection			gas/vapor service: 500			§165(a)	HAP
In Compliance	Yes	Method 21	P-E	§63.165(b)(2)	Pressure relief devices in	_	Υ	40 CFR Part 63,	Organic
			(P/C/N)	Citation	Limit	Date	XX	Limit	Limit
Results	Performed?	Туре	Frequency	Requirement		Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			
		_			•	•	•	•	

Facility Name: Dow Chemical Company
Permit for Facility #: A0031

Table VII – CQ
Applicable Limits and Compliance Monitoring Requirements
MACT - Equipment Leaks
Latex Plant Fugitive Components, including:

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and **Sym-Tet Plant Fugitive Components Instrumentation Systems** 

					500 ppm				
		inspection	0.5%: P-A		and light liquid service:			§174(a)(2)	HAP
In Compliance	Yes	Method 21	For leakers ≥	§63.174(b)(3)(i)	Connectors in gas/vapor		~	40 CFR Part 63,	Organic
					leak				
		inspection			light liquid service: liquid			§173(b)(2)	HAP
In Compliance	Yes	Visual	P-W	§63.173(b)(1)	Agitator in gas/vapor and		Υ	40 CFR Part 63,	Organic
					10,000 ppm				
		inspection			light liquid service:			§173(a)(2)	HAP
In Compliance	Yes	Method 21	P-M	§63.173(a)(1)	Agitator in gas/vapor and		۲	40 CFR Part 63,	Organic
					liquid service: 500 ppm				
					pressure relief devices in				
•					instrumentation systems;				
		inspection			heavy liquid service;	- "		§169(b)	HAP
In Compliance	Yes	Method 21			Valves, connectors, in		×	40 CFR Part 63,	Organic
					liquid service: 2,000 ppm				
					Other pumps in heavy				
					ppm				
		inspection			monomer service: 5,000			§169(b)	HAP
In Compliance	Yes	Method 21			Pumps in polymerizing		٧	40 CFR Part 63,	Organic
								8,0000	
		inspection		·	service: 10,000 ppm			\$169(h)	НАР
In Compliance	Yes	Method 21			Agitators in heavy liquid		Υ	40 CFR Part 63,	Organic
		4	(P/C/N)	Citation	Limit	Date	ΥN	Limit	Limit
Results	Performed?	Туре	Frequency	Requirement		Effective	Æ	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring	~	Future			

### 06/17/2013

# Table VII – CQ Applicable Limits and Compliance Monitoring Requirements

### MACT - Equipment Leaks

Pumps, Valves, Connectors, Compressors, Pressure Relief Devices, Open Ended Valves and Lines, Agitators, and Latex Plant Fugitive Components, including: **Instrumentation Systems** 

**Sym-Tet Plant Fugitive Components** 

			every 4 years						
			years: P-once						
		inspection	0.5%: for 2						
In Compliance	Yes	Method 21	For leakers <	§63.174(b)(3)(iii) For leakers <					
			every 2 years						
		inspection	0.5%: P-once						
In Compliance	Yes	Method 21	For leakers <	§63.174(b)(3)(ii) For leakers <					
			(P/C/N)	Citation	Limit	Date	Y/N	Limit	Limit
Results	Type Performed?	Туре	Frequency	Requirement		Effective	EE	Citation of	Type of
Monitoring	Monitoring	Monitoring	Monitoring	Monitoring		Future			