Flexible Permit Numbers 22690 and PSD-TX-751M1

This table lists the emission caps and individual emission limitations for all sources of air contaminants on the applicant's property covered by this permit. The emission caps and individual emission limitations shown are those derived from information submitted as part of the application for permit and allowed for these facilities. Any proposed change in emission caps or individual emission limitations will require an application for a modification of the facilities covered by this permit.

		Air Contaminate	Emission Cap or Individual Emission Limit **
Point No. (1)	Name (2)	Name (3)	lb/hr
<u>TPY</u>			
CO Sources			
Ethylene Unit 22			
22-36-1	22 Furnace 1	CO	
22-36-2	22 Furnace 2	CO	
22-36-3	22 Furnace 3	CO	
22-36-4	22 Furnace 4	CO	
22-36-5	22 Furnace 5	CO	
22-36-6	22 Furnace 6	CO	
22-36-7	22 Furnace 7	CO	
22-36-8	22 Furnace 8	CO	
Ethylene Unit 24			
24-36-1	24 Furnace 1	CO	
24-36-2	24 Furnace 2	CO	
24-36-3	24 Furnace 3	CO	
24-36-4	24 Furnace 4	CO	
24-36-5	24 Furnace 5	CO	
24-36-6	24 Furnace 6	CO	
24-36-7	24 Steam Superheater 7	CO	
24-36-8	24 DAC Hydrotreater Heater 8		
24-36-9	24 Furnace 9	CO	

Emission	Source	Air Contaminant	Emissio Indivi Emission	
Point No. (1)	Name (2)	Name (3)	J	b/hr
<u>TPY</u>				
Ethylene Unit 33				
33-36-1 33-36-2 33-36-3 33-36-4 33-36-5	33 Furnace 1 33 Furnace 2 33 Furnace 3 33 Furnace 4 33 Furnace 5	CO (7) CO (7) CO (7) CO (7) CO (7)		
33-36-6 33-36-7 33-36-8 33-36-9	33 Furnace 6 33 Furnace 7 33 Furnace 8 33 Furnace 9	CO (7) CO (7) CO (7) CO (7)		
Flare System				
56-61-10	Unit 21, 22 Low Pressure Flar (Flare 10)	e CO		
56-61-12	Unit 22 High Pressure Flare (Flare 12)	СО		
56-61-14	Ùnit 24 High Pressure Flare (Flare 14)	CO		
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	CO		
56-61-22	Unit 33 Process Flare (Flare 2	2) CO (7)		
	Emission Cap	СО	478.74	2096.19
Decoking Equipment	- Start-Up, Shutdown, and Main	tenance		
22-95-(3, 3A, 3B & 3C 24-95-300	C)U22 Decoke U24 Decoke	CO CO		

Emission	Source	Air Contaminant	Emissic Individ <u>Emission</u>	
_^ Point No. (1)	Name (2)	Name (3)	11	b/hr
<u>TPY</u>	. ,			
33-95-376 and 376A	U33 Decoke	СО		
Flare System	Emission Cap	СО	792.82	89.86
56-61-4 56-61-8	Unit 10D/18 Process Flare (Fla Unit 10, 12 Low Pressure Flar (Flare 8)	•	СО	
56-61-9	Unit 10, 12 High Pressure Flar (Flare 9)	re CO		
Flare System - Start-U	Emission Cap Jp, Shutdown, and Maintenance	CO	1.92	7.93
56-61-4	Unit 10D/18 Process Flare (Fla	are 4)	СО	
56-61-8	Unit 10, 12 Low Pressure Flar (Flare 8)			
56-61-9	Unit 10, 12 High Pressure Flai (Flare 9)			
56-61-10	Unit 21, 22 Low Pressure Flar (Flare 10)	e CO		
56-61-12	Unit 22 High Pressure Flare (Flare 12)	CO		
56-61-14	Ùnit 24 High Pressure Flare (Flare 14)	CO		
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	СО		
56-61-22	Unit 33 Process Flare (Flare 2	2) CO		
	Emission Cap	СО	2944.70	23.28

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Cap or Individual Emission Limit
Point No. (1)	Name (2)	Name (3)	lb/hr

H₂S Sources

Flare System

	Emission Cap	H ₂ S	0.06	0.26
56-61-22	Unit 33 Process Flare (Flare 22)	H ₂ S		
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	H ₂ S		
56-61-14	Unit 24 High Pressure Flare (Flare 14)	H ₂ S		
	Unit 22 High Pressure Flare (Flare 12)	H ₂ S		
56-61-12	(Flare 10)	ш.с		
56-61-10	Unit 21, 22 Low Pressure Flare	H ₂ S		
56-61-9	Unit 10, 12 High Pressure Flare (Flare 9)	H ₂ S		
	(Flare 8)	_		
56-61-8	Unit 10, 12 Low Pressure Flare	, H₂S	_	
56-61-4	Unit 10D/18 Process Flare (Flare	4)	H ₂ S	

NO_x Sources

Ethylene Unit 22

Facinaina	Course	Air Comtonin out	Emission Cap or Individual
Emission **	Source	Air Contaminant	Emission Limit
Point No. (1)	Name (2)	Name (3)	lb/hr
<u>TPY</u>	, ,		
22-36-1	22 Furnace 1	NO _x	
22-36-2	22 Furnace 2	NO _x	
22-36-3	22 Furnace 3	NO_x	
22-36-4	22 Furnace 4	NO_x	
22-36-5	22 Furnace 5	NO_x	
22-36-6	22 Furnace 6	NO_x	
22-36-7	22 Furnace 7	NO_x	
22-36-8	22 Furnace 8	NO_x	
22-7-1	Boiler No. 10/Propylene Turbin		
22-95-27	Turbine Alone	NO_x	
Ethylene Unit 24			
24-36-1	24 Furnace 1	NO _x	
24-36-2	24 Furnace 2	NO_x	
24-36-3	24 Furnace 3	NO_x	
24-36-4	24 Furnace 4	NO_x	
24-36-5	24 Furnace 5	NO_x	
24-36-6	24 Furnace 6	NO_x	
24-36-7	24 Steam Superheater 7	NO_x	
24-36-8	24 DAC Hydrotreater Heater 8		
24-36-9	24 Furnace 9	NO_x	
Ethylene Unit 33			
33-36-1	33 Furnace 1	NO _x (7)	
33-36-2	33 Furnace 2	$NO_{x}(7)$	
33-36-3	33 Furnace 3	$NO_{x}(7)$	
33-36-4	33 Furnace 4	$NO_x(7)$	
33-36-5	33 Furnace 5	$NO_{x}(7)$	
33-36-6	33 Furnace 6	$NO_{x}(7)$	

Emission	Source	Air Contaminant	Emissi Indiv <u>Emissio</u>	
<u>**</u> Point No. (1)	Name (2)	Name (3)		lb/hr
TPY	Name (2)	rvarrie (o)		10/111
33-36-7 33-36-8 33-36-9	33 Furnace 7 33 Furnace 8 33 Furnace 9	NO _x (7) NO _x (7) NO _x (7)		
Flare System				
56-61-10	Unit 21, 22 Low Pressure Flare (Flare 10)	e NO _x		
56-61-12	Unit 22 High Pressure Flare (Flare 12)	NO_x		
56-61-14	Unit 24 High Pressure Flare (Flare 14)	NO _x		
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	NO _x		
56-61-22	Unit 33 Process Flare (Flare 22	2) NO _x (7)		
	Emission Cap	NO _x	481.90	2110.59
Flare System				
56-61-4 56-61-8	Unit 10D/18 Process Flare (Fla Unit 10, 12 Low Pressure Flare	,	NO _x	
56-61-9	(Flare 8) Unit 10, 12 High Pressure Flare (Flare 9)	e NO _x		
	Emission Cap	NO _x	0.37	1.52

EMISSION SOURCES - EMISSION CAPS AND INDIVIDUAL EMISSION LIMITATIONS

Emission	Source	Air Contaminant	Emission Cap or Individual Emission Limit
** - Doint No. (1)	Nama (2)	Nama (2)	lla /la r
Point No. (1) TPY	Name (2)	Name (3)	lb/hr
Flare System - Start-L	Jp, Shutdown, and Maintenanc	е	
56-61-4	Unit 10D/18 Process Flare (F	lare 4)	NO _x
56-61-8	Unit 10, 12 Low Pressure Fla (Flare 8)	•	
56-61-9	Unit 10, 12 High Pressure Fla (Flare 9)	are NO _x	
56-61-10	Unit 21, 22 Low Pressure Fla (Flare 10)	re NO _x	
56-61-12	Unit 22 High Pressure Flare (Flare 12)	NO _x	
56-61-14	Unit 24 High Pressure Flare (Flare 14)	NO _x	
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	NO_x	
56-61-22	Unit 33 Process Flare (Flare 2	22) NO _x	
	Emission Cap	NO _x	408.50 3.26
PM/PM ₁₀ Sources			
Cooling Towers			
54-22-5 54-22-6 54-22-7 54-22-9 54-22-12 54-22-13	Unit 12 Cooling Tower (CT-5) Unit 10ABC Cooling Tower (CU) Unit 10ABC Cooling Tower (CU) Unit 10D/18 Cooling Tower (CU) Unit 21/22 Cooling Tower (CT) Unit 24 Cooling Tower (CT-13)	CT-6) PM CT-7) PM CT-9) PM F-12) PM	

Ethylene Unit 33

EMISSION SOURCES - EMISSION CAPS AND INDIVIDUAL EMISSION LIMITATIONS

Emission	Source	Air Contaminant	Emissi Indiv Emissio	
- Point No. (1)	Name (2)	Name (3)		lb/hr
<u>TPY</u>				
54-22-17	Unit 33 Cooling Tower (CT-17	7) PM		
	Emission Cap	РМ	27.16	118.97
Ethylene Unit 22				
22-36-1	22 Furnace 1	PM_{10}		
22-36-2 22-36-3	22 Furnace 2 22 Furnace 3	$PM_{10} \\ PM_{10}$		
22-36-4	22 Furnace 4	PM_{10}		
22-36-5	22 Furnace 5	PM_{10}		
22-36-6	22 Furnace 6	PM_{10}		
22-36-7 22-36-8	22 Furnace 7 22 Furnace 8	PM ₁₀ PM ₁₀		
22 00 0	22 Fulfidee 0	1 14110		
Ethylene Unit 24				
24-36-1	24 Furnace 1	PM_{10}		
24-36-2	24 Furnace 2	PM_{10}		
24-36-3 24-36-4	24 Furnace 3 24 Furnace 4	PM ₁₀ PM ₁₀		
24-36-5	24 Furnace 5	PM ₁₀		
24-36-6	24 Furnace 6	PM_{10}		
24-36-7	24 Steam Superheater 7	PM_{10}		
24-36-8	24 DAC Hydrotreater Heater 8			
24-36-9	24 Furnace 9	PM_{10}		

Emission	Source	Air Contaminant	Emission Individus Emission	
<u>**</u> Point No. (1)	Name (2)	Name (3)	I	b/hr
TPY_	Name (2)	ιναιτίο (Ο)		<u> </u>
33-36-1 33-36-2 33-36-3 33-36-4 33-36-5 33-36-6 33-36-7 33-36-8 33-36-9	33 Furnace 1 33 Furnace 2 33 Furnace 3 33 Furnace 4 33 Furnace 5 33 Furnace 6 33 Furnace 7 33 Furnace 8 33 Furnace 9	PM ₁₀ (7) PM ₁₀ (7)		
	Emission Cap	PM_{10}	41.44	181.52
Start up, Shutdown ar 22-95-(3, 3A, 3B & 3C 24-95-300 33-95-376 and 376A	c)U22 Decoke U24 Decoke	PM PM PM		
CPC-ABLAST CPC-PAINT	Abrasive blasting Painting	PM PM		
	Emission Cap	PM	621.89	67.66
SO₂ Sources Ethylene Unit 22				
22-36-1	22 Furnace 1	SO ₂		

Emission	Source	Air Contaminant	Emission Cap or Individual Emission Limit
**			
Point No. (1)	Name (2)	Name (3)	lb/hr
<u>TPY</u>	22 5	60	
22-36-2 22-36-3	22 Furnace 2 22 Furnace 3	SO ₂ SO ₂	
22-36-4	22 Furnace 4	SO_2	
22-36-5	22 Furnace 5	SO ₂	
22-36-6	22 Furnace 5 22 Furnace 6	SO_2	
22-36-7	22 Furnace 7	SO ₂	
22-36-8	22 Furnace 8	SO_2	
22 00 0	ZZ i diliace o	302	
Ethylene Unit 24			
24-36-1	24 Furnace 1	SO ₂	
24-36-2	24 Furnace 2	SO ₂	
24-36-3	24 Furnace 3	SO ₂	
24-36-4	24 Furnace 4	SO ₂	
24-36-5	24 Furnace 5	SO ₂	
24-36-6	24 Furnace 6	SO ₂	
24-36-7	24 Steam Superheater 7	SO ₂	
24-36-8	24 DAC Hydrotreater Heater	8 SO ₂	
24-36-9	24 Furnace 9	SO ₂	
Ethylene Unit 33			
33-36-1 33-36-2 33-36-3 33-36-4 33-36-5 33-36-6	33 Furnace 1 33 Furnace 2 33 Furnace 3 33 Furnace 4 33 Furnace 5 33 Furnace 6	SO ₂ (7) SO ₂ (7) SO ₂ (7) SO ₂ (7) SO ₂ (7) SO ₂ (7)	

AIR CONTAMINANTS DATA

Emission	Source Ai	r Contaminant	Emissio Indivi <u>Emissio</u>	
**				
Point No. (1)	Name (2)	Name (3)		b/hr
<u>TPY</u>				
33-36-7	33 Furnace 7	SO ₂ (7)		
33-36-8	33 Furnace 8	SO ₂ (7)		
33-36-9	33 Furnace 9	SO ₂ (7)		
	Emission Cap	SO ₂	223.95	374.53
Flare System				
56-61-4	Unit 10D/18 Process Flare (Flare	e 4)	SO ₂	
56-61-8	Unit 10, 12 Low Pressure Flare (Flare 8)	SO ₂		
56-61-9	Unit 10, 12 High Pressure Flare (Flare 9)	SO ₂		
56-61-10	Unit 21, 22 Low Pressure Flare (Flare 10)	SO ₂		
56-61-12	Unit 22 High Pressure Flare (Flare 12)	SO ₂		
56-61-14	Unit 24 High Pressure Flare (Flare 14)	SO ₂		
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	SO ₂		
56-61-22	Unit 33 Process Flare (Flare 22)	SO ₂ (7)		
	Emission Cap	SO ₂	18.05	24.72

VOC Sources

Ethylene Unit 22

Emission	Source	Air Contaminant	Emission Cap or Individual Emission Limit
Point No. (1)	Name (2)	Name (3)	lb/hr
TPY	• •	, ,	
22-36-1	22 Furnace 1	VOC	
22-36-2	22 Furnace 2	VOC	
22-36-3	22 Furnace 3	VOC	
22-36-4	22 Furnace 4	VOC	
22-36-5	22 Furnace 5	VOC	
22-36-6	22 Furnace 6	VOC	
22-36-7	22 Furnace 7	VOC	
22-36-8	22 Furnace 8	VOC	
Ethylene Unit 24			
24-36-1	24 Furnace 1	VOC	
24-36-2	24 Furnace 2	VOC	
24-36-3	24 Furnace 3	VOC	
24-36-4	24 Furnace 4	VOC	
24-36-5	24 Furnace 5	VOC	
24-36-6	24 Furnace 6	VOC	
24-36-7	24 Steam Superheater 7	VOC	
24-36-8	24 DAC Hydrotreater Heater		
24-36-9	24 Furnace 9	VOC	
Ethylene Unit 33			
33-36-1	33 Furnace 1	VOC	
33-36-2	33 Furnace 2	VOC	
33-36-3	33 Furnace 3	VOC	
33-36-4	33 Furnace 4	VOC	
33-36-5	33 Furnace 5	VOC	
33-36-6	33 Furnace 6	VOC	
33-36-7	33 Furnace 7	VOC	

Emission	Source	Air Contaminant	Emission Cap or Individual Emission Limit	
<u>**</u> Point No. (1)	Name (2)	Name (3)	lb/hr	
<u>TPY</u>				
33-36-8 33-36-9	33 Furnace 8 33 Furnace 9	VOC VOC		
Process Fugitive Equ	ipment			
10.1-0-0 10.2-0-0 10.3-0-0 12-0-0 18-0-0 21-0-0 24.1-0-0 22-0-0 24-0-0 33-0-0	Unit 10AC Process Fugitives (4) Unit 10D Process Fugitives (4) Unit 10B Process Fugitives (4) Unit 12 Process Fugitives (4) Unit 18 Process Fugitives (4) Unit 21 Process Fugitives (4) Unit 24.1 Process Fugitives (4) Unit 22 Process Fugitives (4) Unit 24 Process Fugitives (4) Unit 33 Process Fugitives (4)	VOC VOC VOC VOC		
Cooling Towers				
54-22-5 54-22-6 54-22-7 54-22-9 54-22-12 54-22-13 54-22-17	Unit 12 Cooling Tower (CT-5) Unit 10ABC Cooling Tower (CT- Unit 10ABC Cooling Tower (CT- Unit 10D/18 Cooling Tower (CT- Unit 21/22 Cooling Tower (CT-1 Unit 24 Cooling Tower (CT-13) Unit 33 Cooling Tower (CT-17)	-7) VOC -9) VOC		
Fixed-Roof Storage Tanks				
24-95-314 33-95-10 33-95-14	Methanol Storage Tank Methanol Storage Tank TBC Storage Tank	VOC VOC VOC		

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Cap or Individual Emission Limit
** <u>Point No. (1)</u> TPY	Name (2)	Name (3)	lb/hr

Lube/Seal Reservoirs

10-95-328	D-328 Seal Oil Reservoir	VOC	
10-95-357	D-357 Lube/Seal Oil Reservoir	VOC	
18-95-54	D-54 Lube/Seal Oil Reservoir	VOC	
21-95-120	D-120 Lube/Seal Oil Reservoir	VOC	
22-95-100	D-100 Lube Oil Reservoir	VOC	
22-95-101	D-101 Seal Oil Reservoir	VOC	
22-95-120	D-120 Lube/Seal Oil Reservoir	VOC	
22-95-130	D-130 Lube/Seal Oil Reservoir	VOC	
24-95-304	D-304 Lube/Seal Oil Reservoir	VOC	
24-95-305	D-305 Lube/Seal Oil Reservoir	VOC	
24-95-306	D-306 Lube/Seal Oil Reservoir	VOC	
24-95-307	Expander Lube Oil Reservoir	VOC	
33-95-15	C-101 (Cracked Gas)	VOC	
33-95-17	C-102 (Ethylene)	VOC	
33-95-19	C-103 (Propylene)	VOC	
33-95-390	C-101 (Cracked Gas)	VOC	
33-95-392	C-102 (Ethylene)	VOC	
33-95-394	C-103 (Propylene)	VOC	
10-95-3572	C-357 (Propylene)- 2nd vent	VOC	
10-95-357A	C-357 (Propylene)- degas chamb	er	VOC
24-95-319	C-100 (Cracked Gas)	VOC	
24-95-320	C-101 (Ethylene)	VOC	
24-95-321	C-102 (Propylene)	VOC	
Sumps			
10.1-SUMP1	10.1 Oily Water Sewer Sump	VOC	

Emission	Source	Air Contaminant	Emission Cap or Individual Emission Limit
**	Source	All Contaminant	<u>Litilosion Limit</u>
Point No. (1)	Name (2)	Name (3)	lb/hr
<u>TPY</u>			
12-SUMP1	12 Oily Water Sewer Sump	VOC	
21/22-SUMP1	21/22 Oily Water Sewer Sump		
24-SUMP2	24 Ethylene Sodium Hydroxid Sump	e VOC	
24-SUMP3	24 Oily Water Sewer Sump	VOC	
33-SUMP1	33 Sodium Hydroxide Sump	VOC	
33-SUMP2	33 Water Sludge Pit	VOC	
33-SUMP3	33 Oily Water Sewer Sump	VOC	
33-SUMP4	33 Blowdown Drum Sump	VOC	
Flare System			
56-61-4	Unit 10D/18 Process Flare (Fl	are 4)	VOC
56-61-8	Unit 10, 12 Low Pressure Flar (Flare 8)	•	
56-61-9	Unit 10, 12 High Pressure Fla (Flare 9)	re VOC	
56-61-10	Unit 21, 22 Low Pressure Flar (Flare 10)	e VOC	
56-61-12	Unit 22 High Pressure Flare (Flare 12)	VOC	
56-61-14	Unit 24 High Pressure Flare (Flare 14)	VOC	
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	VOC	
56-61-22	Unit 33 Process Flare (Flare 2	22) VOC	
Atmospheric Vents			
10ABC-AV	Unit 10ABC Analyzer Vents	VOC	
10D-AV	Unit 10D Analyzer Vents	VOC	

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant		Emission Cap or Individual mission Limit
Point No. (1)	Name (2)	Name (3)		lb/hr
TPY_				
12-AV	Unit 12 Analyzer Vents	VOC		
18-AV	Unit 18 Analyzer Vents	VOC		
21-AV 22-AV	Unit 21 Analyzer Vents	VOC		
22-AV 24-AV	Unit 22 Analyzer Vents Unit 24 Analyzer Vents	VOC VOC		
33-AV	Unit 33 Analyzer Vents	VOC		
55 / K	one oo / manyzor vonte			
	Emission Cap	VOC	127.95	528.67
Start-up, Shutdown, a	and Maintenance			
56-61-4	Unit 10D/18 Process Flare (F	,	VOC	
56-61-8	Unit 10, 12 Low Pressure Fla (Flare 8)			
56-61-9	Unit 10, 12 High Pressure Fla (Flare 9)	are VOC		
56-61-10	Unit 21, 22 Low Pressure Fla (Flare 10)	re VOC		
56-61-12	Unit 22 High Pressure Flare (Flare 12)	VOC		
56-61-14	Unit 24 High Pressure Flare (Flare 14)	VOC		
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	VOC		
56-61-22	Unit 33 Process Flare (Flare 2	22) VOC		
CPC-Paint	Painting	VOC		
	Emission Cap	VOC	3466.47	52.86

Benzene Sources (5)

Emission	Source A	sir Contaminant	Inc	ssion Cap or dividual sion Limit
^^ Point No. (1)	Name (2)	Name ((3)	lb/hr
TPY_			, - /	
10.1-0-0 10.2-0-0 10.3-0-0 12-0-0 21-0-0 24.1-0-0 22-0-0 24-0-0 33-0-0	Unit 10AC Process Fugitives (4) Unit 10D Process Fugitives (4) Unit 10B Process Fugitives (4) Unit 12 Process Fugitives (4) Unit 21 Process Fugitives (4) Unit 24.1 Process Fugitives (4) Unit 22 Process Fugitives (4) Unit 24 Process Fugitives (4) Unit 33 Process Fugitives (4)	Benzene		
	Emission Cap	Benzene	1.74	7.60
Start-up, Shutdo	wn, and Maintenance			
56-61-4 56-61-8	Unit 10D/18 Process Flare (Flar Unit 10, 12 Low Pressure Flare (Flare 8)	e 4) Benzene	Benzene	
56-61-9	Unit 10, 12 High Pressure Flare (Flare 9)	Benzene		
56-61-10	Unit 21, 22 Low Pressure Flare (Flare 10)	Benzene		
56-61-12	Unit 22 High Pressure Flare (Flare 12)	Benzene		
56-61-14	Unit 24 High Pressure Flare (Flare 14)	Benzene		
56-61-20	Unit 24 Low Pressure Flare (Flare 20)	Benzene		
56-61-22	Unit 33 Process Flare (Flare 22)) Benzene		
	Emission Cap	Benzene	155.98	0.93
22-7-1	Boiler No. 10	СО	21.54	94.34

Emission	Source	Air Contaminant	Ind	ssion Cap or dividual sion Limit
– Point No. (1)	Name (2)	Name (3)		lb/hr
<u>TPY</u>				
	(Boiler and Turbine	PM_{10}	3.94	17.24
	Combined) (6)	SO_2	16.69	73.10
		VOC	3.65	15.97
22-95-27	Propylene Compressor	CO	7.01	30.72
	Turbine	PM_{10}	0.84	3.70
	(operating alone) (6)	SO_2	0.44	1.91
		VOC	1.41	6.17
24-AIRCOMP	Unit 24 Diesel Engine	VOC	0.87	0.71
		NOx	6.09	4.96
		CO	7.53	6.14
		SO_2	0.62	0.50
		PM_{10}	0.36	0.29
33-AIRCOMP	Unit 33 Diesel Engine	VOC	0.14	0.11
		NOx	6.10	4.97
		CO	0.05	0.04
		SO_2	0.01	0.01
		PM_{10}	0.07	0.05

- (1) Emission point identification either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO carbon monoxide
 - H₂S hydrogen sulfide
 - NO_x total oxides of nitrogen
 - PM particulate matter, suspended in the atmosphere, greater than 10 microns in diameter.
 - PM₁₀- particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 - SO₂ sulfur dioxide
 - VOC- volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1

AIR CONTAMINANTS DATA

			Emission Cap or
			Individual
Emission	Source	Air Contaminant	Emission Limit
** -			
Point No. (1)	Name (2)	Name (3)	lb/hr
TDV	• •	•	

IPY

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Benzene from other facilities is included in the VOC cap and does not contribute to the benzene emission cap.
- (6) EPN 22-7-1 and 22-95-27 do not emit at the same time.
- (7) PSD-TX-751M1 pollutant
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated March 8, 2006