

## EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 6056 and PSDTX1062M1

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

### AIR CONTAMINANTS DATA

Emission Point No. (1)				Air Contaminant Name (3)	<u>Emission Rates*</u>	
EPN	FIN	Source Name (2) (5)			lb/hr	TPY**
FCOKE2	COKE 2 FE	DCU coke handling	(4)	PM	0.01	0.01
				PM <sub>10</sub>	0.01	0.01
				PM <sub>2.5</sub>	0.01	0.01
FCOKEX	COKE X FE	Coke stockpile surge pad	(4)	PM	0.33	1.45
				PM <sub>10</sub>	0.17	0.72
				PM <sub>2.5</sub>	0.17	0.72
FKCRU5 FE	CRU5 FE	#5 CRU Cooling Tower	(4)	VOC	2.31	10.12
				Benzene	0.01	0.03
				Chlorine	0.28	1.25
FKDCU2 FE	DCU2 FE	DCU 2 cooling tower	(4)	VOC	1.71	7.49
				Benzene	<0.01	<0.01
				Chlorine	0.21	0.92
FKPS 4 FE	PS 4 FE	Power Station Cooling Tower	(4)	Chlorine	0.04	0.17
FKVPS 5 FE	VPS 5 FE	VPS Cooling Tower	(4)	VOC	1.64	7.17
				Benzene	<0.01	0.01
				Chlorine	0.20	0.88
FARU5	ARU 5 FE	ARU No. 5 Fugitive Emissions	(4)	VOC	0.04	0.16
				Benzene	<0.01	<0.01
				Hydrogen Sulfide	0.04	0.17
FSWS2	ARU 5 FE	ARU No. 5 Fugitive Emissions	(4)	VOC	<0.01	<0.01
				Hydrogen Sulfide	0.16	0.72
				Ammonia	<0.01	<0.01

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

FARU6	ARU 6 FE	ARU No. 6 Fugitive Emissions	(4)	VOC Benzene Hydrogen Sulfide	0.04 <0.01 0.04	0.16 <0.01 0.17
FSWS3	ARU 6 FE	ARU No. 6 Fugitive Emissions	(4)	VOC Hydrogen Sulfide Ammonia	<0.01 0.16 <0.01	<0.01 0.72 <0.01
FNHTU2	NHTU2 FE	Naphtha Treating Complex Fugitive Emissions	(4)	VOC Benzene	2.59 0.01	11.33 0.03
FDCU2	FDCU2	DCU No. 2 Fugitive Emissions	(4)	VOC Benzene	2.91 0.01	12.75 0.03
FHCU2	HCU NO2 FE	HCU No. 2 Fugitive Emissions	(4)	VOC Benzene	2.77 <0.01	12.15 <0.01
FHCU2-OSBL	HCU2 OSBL FE	HCU No. 2 OSBL Fugitive Emissions	(4)	VOC Benzene	2.53 <0.01	11.10 <0.01
FHTU6	HTU 6 FE	HTU 6 Fugitive Emissions	(4)	VOC Benzene	1.29 <0.01	5.66 <0.01
FPS4	PS 4 FE	Power Station No. 4 Fugitive Emissions	(4)	VOC Benzene	0.15 <0.01	0.66 <0.01
FSRU5	SRU 5 FE	SRU No. 5 Fugitive Emissions	(4)	SO <sub>2</sub> Hydrogen Sulfide	0.04 0.04	0.16 0.17
FSRU6	SRU 6 FE	SRU No. 6 Fugitive Emissions	(4)	SO <sub>2</sub> Hydrogen Sulfide	0.04 0.04	0.16 0.17
FSRU7	SRU 7 FE	SRU No. 7 Fugitive Emissions	(4)	SO <sub>2</sub> Hydrogen Sulfide	0.04 0.04	0.16 0.17

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)			Air Contaminant Name (3)	<u>Emission Rates*</u>	
EPN	FIN	Source Name (2) (5)		lb/hr	TPY**
FVPS5	VPS NO5 FE	VPS No. 5 Fugitive Emissions	(4) VOC Benzene	7.04	30.81
				0.01	0.06
FTGTU5	TGTU 5 FE	Tail Gas Treating Unit No. 5 Incinerator	SO <sub>2</sub>	<0.01	0.02
			CO	0.01	0.04
			Hydrogen Sulfide	0.01	0.04
FTGTU6	TGTU 6 FE	Tail Gas Treating Unit No. 6 Incinerator	SO <sub>2</sub>	<0.01	0.02
			CO	0.01	0.04
			Hydrogen Sulfide	0.01	0.04
FTGTU7	TGTU 7 FE	Tail Gas Treating Unit No. 7 Incinerator	SO <sub>2</sub>	<0.01	0.02
			CO	0.01	0.04
			Hydrogen Sulfide	0.01	0.04
FGR-3	FGR-3	Flare Gas Recovery	VOC	1.09	4.79
			Benzene	<0.01	<0.01
FGR-4	FGR-4	Flare Gas Recovery	VOC	1.09	4.79
			Benzene	<0.01	<0.01
SCRU5-1	CRU5INTHT1	#5 CRU Platformer No.1 Intermediate Heater	NO <sub>x</sub>	17.33	42.66
			VOC	2.67	4.60
			SO <sub>2</sub>	18.44	37.82
			CO	16.94	58.41
			PM	3.69	12.71
			PM <sub>10</sub>	3.69	12.71
			PM <sub>2.5</sub>	3.69	12.71

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

SCRU5-2	CRU5INTHT2	#5 CRU Platformer No. 2 Intermediate Heater	NO <sub>x</sub>	12.39	27.51
			VOC	1.91	2.97
			SO <sub>2</sub>	13.19	24.39
			CO	12.12	37.67
			PM	2.64	8.20
			PM <sub>10</sub>	2.64	8.20
			PM <sub>2.5</sub>	2.64	8.20
SCRU5-2	CRU5INTHT3	#5 CRU Platformer No. 3 Intermediate Heater	NO <sub>x</sub>	7.70	21.04
			VOC	1.19	2.27
			SO <sub>2</sub>	8.20	18.65
			CO	7.53	28.81
			PM	1.64	6.27
			PM <sub>10</sub>	1.64	6.27
			PM <sub>2.5</sub>	1.64	6.27
SNHTU2-1	NHTU2CHT	Naphtha Hydrotreater CHG Heater	NO <sub>x</sub>	7.25	19.88
			VOC	1.12	2.14
			SO <sub>2</sub>	7.71	17.63
			CO	7.09	27.22
			PM	1.54	5.93
			PM <sub>10</sub>	1.54	5.93
			PM <sub>2.5</sub>	1.54	5.93
SCRU5-1	CRU5PLATH T	#5 CRU Platformer Heater	NO <sub>x</sub>	13.93	38.15
			VOC	2.15	4.11
			SO <sub>2</sub>	14.83	33.82
			CO	13.62	52.23
			PM	2.97	11.37
			PM <sub>10</sub>	2.97	11.37
			PM <sub>2.5</sub>	2.97	11.37
SHCU2-1	HCU2H1A	HCU No. 2 1st Stage Charge Set A Heater	NO <sub>x</sub>	2.32	6.66
			VOC	0.36	0.72
			SO <sub>2</sub>	2.47	5.91
			CO	2.27	9.12
			PM	0.49	1.99
			PM <sub>10</sub>	0.49	1.99
			PM <sub>2.5</sub>	0.49	1.99

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

SHCU2-2	HCU2H1B	HCU No. 2 1st Stage Charge Set B Heater	NO <sub>x</sub>	2.32	6.66
			VOC	0.36	0.72
			SO <sub>2</sub>	2.47	5.91
			CO	2.27	9.12
			PM	0.49	1.99
			PM <sub>10</sub>	0.49	1.99
			PM <sub>2.5</sub>	0.49	1.99
SHCU2-3	HCU2H2	HCU No. 2 2nd Charge Heater	NO <sub>x</sub>	2.94	8.46
			VOC	0.45	0.91
			SO <sub>2</sub>	3.13	7.50
			CO	2.88	11.58
			PM	0.63	2.52
			PM <sub>10</sub>	0.63	2.52
			PM <sub>2.5</sub>	0.63	2.52
SHTU6-1	HTU6CHGH1	HTU No. 6 Charge Heater 1	NO <sub>x</sub>	3.29	9.46
			VOC	0.51	1.02
			SO <sub>2</sub>	3.51	8.39
			CO	3.22	12.96
			PM	0.70	2.82
			PM <sub>10</sub>	0.70	2.82
			PM <sub>2.5</sub>	0.70	2.82
SHTU6-2	HTU6CHGH2	HTU No. 6 Fractionator Reboiler	NO <sub>x</sub>	2.51	7.22
			VOC	0.39	0.78
			SO <sub>2</sub>	2.67	6.40
			CO	2.46	9.88
			PM	0.53	2.15
			PM <sub>10</sub>	0.53	2.15
			PM <sub>2.5</sub>	0.53	2.15
SHCU2-6	HCU2DH1H1	HCU No. 2 DHT Charge Heater	NO <sub>x</sub>	3.13	9.00
			VOC	0.48	0.97
			SO <sub>2</sub>	3.34	7.98
			CO	3.07	12.33
			PM	0.67	2.68
			PM <sub>10</sub>	0.67	2.68
			PM <sub>2.5</sub>	0.67	2.68

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

SHCU2-5	SCHCU2-5	HCU No. 2 Fractionator Heater	NO <sub>x</sub>	15.59	62.69
			VOC	2.40	4.83
			SO <sub>2</sub>	16.59	39.70
			CO	15.25	61.31
			PM	3.32	13.35
			PM <sub>10</sub>	3.32	13.35
			PM <sub>2.5</sub>	3.32	13.35
SDCU2-1	SDCU2-1	Coker Heater No. 1	NO <sub>x</sub>	9.42	36.58
			VOC	1.45	2.82
			SO <sub>2</sub>	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM <sub>10</sub>	2.00	7.79
			PM <sub>2.5</sub>	2.00	7.79
SDCU2-2	SDCU2-2	Coker Heater No. 2	NO <sub>x</sub>	9.42	36.58
			VOC	1.45	2.82
			SO <sub>2</sub>	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM <sub>10</sub>	2.00	7.79
			PM <sub>2.5</sub>	2.00	7.79
SDCU2-3	SDCU2-3	Coker Heater No. 3	NO <sub>x</sub>	9.42	36.58
			VOC	1.45	2.82
			SO <sub>2</sub>	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM <sub>10</sub>	2.00	7.79
			PM <sub>2.5</sub>	2.00	7.79
SVPS5-1	VPS5H1/2	VPS No. 5, No. 1/2 Atmospheric Heater	NO <sub>x</sub>	14.32	9.65
			VOC	2.21	4.63
			SO <sub>2</sub>	15.24	38.02
			CO	14.00	58.72
			PM	3.05	12.78
			PM <sub>10</sub>	3.05	12.78
			PM <sub>2.5</sub>	3.05	12.78
			Ammonia	1.53	6.42

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

SVPS5-1	VPS5H3/4	VPS No. 5, No. 3/4 Atmospheric Heater	NO <sub>x</sub>	14.32	9.65
			VOC	2.21	4.63
			SO <sub>2</sub>	15.24	38.02
			CO	14.00	58.72
			PM	3.05	12.78
			PM <sub>10</sub>	3.05	12.78
			PM <sub>2.5</sub>	3.05	12.78
			Ammonia	1.53	6.42
SVPS5-2	VPS5VAC1H T	VPS No. 5, No. 1 Vacuum Heater	NO <sub>x</sub>	7.56	5.10
			VOC	1.16	2.44
			SO <sub>2</sub>	8.05	20.09
			CO	7.39	31.02
			PM	1.61	6.75
			PM <sub>10</sub>	1.61	6.75
			PM <sub>2.5</sub>	1.61	6.75
			Ammonia	0.81	3.39
SVPS5-2	VPS5VAC2H T	VPS No. 5, No. 2 Vacuum Heater	NO <sub>x</sub>	7.56	5.10
			VOC	1.16	2.44
			SO <sub>2</sub>	8.05	20.09
			CO	7.39	31.02
			PM	1.61	6.75
			PM <sub>10</sub>	1.61	6.75
			PM <sub>2.5</sub>	1.61	6.75
			Ammonia	0.81	3.39
SNHTU2-2	NHTU2STRP	Naphtha Hydrotreater Stripper Reboiler	NO <sub>x</sub>	6.51	17.92
			VOC	1.00	1.93
			SO <sub>2</sub>	6.93	15.89
			CO	6.37	24.53
			PM	1.39	5.34
			PM <sub>10</sub>	1.39	5.34
			PM <sub>2.5</sub>	1.39	5.34
SNHTU2-3	NHTU2SPLT	Naphtha Hydrotreater Splitter Reboiler	NO <sub>x</sub>	10.40	28.32
			VOC	1.60	3.05
			SO <sub>2</sub>	11.06	25.11
			CO	10.17	38.78
			PM	2.21	8.44
			PM <sub>10</sub>	2.21	8.44
			PM <sub>2.5</sub>	2.21	8.44

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

SCRU5-3	CRU5-CCR	Regen Vent Scrubber Emissions	NO <sub>x</sub>	2.28	10.00
			SO <sub>2</sub>	1.59	6.96
			PM	0.13	0.59
			PM <sub>10</sub>	0.13	0.59
			PM <sub>2.5</sub>	0.13	0.59
			HCl	0.07	0.30
			Chlorine	0.01	0.06
			Hydrogen Sulfide	0.16	0.71
SSSCRUB	SLD/TK1928	Sulfur Loading Maintenance Group Pre CEP (5)	NO <sub>x</sub>	63.59	0.20
PRECEPMN	PRECEPMN		VOC	3282.68	45.82
			SO <sub>2</sub>	316.56	3.80
			CO	200.63	1.28
			Benzene	6.74	0.16
			Hydrogen Sulfide	65.26	0.78
POSCEPMN	POSCEPMN	Maintenance Group After CEP (5)	NO <sub>x</sub>	916.82	18.58
			VOC	4660.38	92.09
			SO <sub>2</sub>	725.74	8.14
			CO	2853.60	53.56
			PM	66.98	1.51
			PM <sub>10</sub>	66.98	1.51
			PM <sub>2.5</sub>	66.98	1.51
			Benzene	8.45	0.35
			H <sub>2</sub> SO <sub>4</sub>	8.00	0.32
			Hydrogen Sulfide	96.95	1.16
			Ammonia	13.81	0.43
CGNGRP	CGNGRP	Cogen Unit Group (5)	NO <sub>x</sub>	74.21	272.81
			VOC	18.06	72.06
			SO <sub>2</sub>	78.68	161.45
			CO	117.82	516.03
			PM	101.87	391.33
			PM <sub>10</sub>	101.87	391.33
			PM <sub>2.5</sub>	101.87	391.33
			H <sub>2</sub> SO <sub>4</sub>	32.00	58.69
			Ammonia	29.83	113.39



EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

TNKGRP	TNKGRP	Tank Group (5)		VOC	70.19	34.71
				Benzene	0.03	0.06
SRUGRP	SRUGRP	SRU Incinerators Group (5)		NO <sub>x</sub>	15.65	68.56
				VOC	1.06	4.62
				SO <sub>2</sub>	200.45	877.98
				CO	35.08	153.65
				PM	1.46	6.39
				PM <sub>10</sub>	1.46	6.39
				PM <sub>2.5</sub>	1.46	6.39
SPS-LOV1	GTG41-LOV	Power Station No. 4 Lube Oil Vent 1	(4)	PM	0.05	0.22
				PM <sub>10</sub>	0.05	0.22
				PM <sub>2.5</sub>	0.05	0.22
SPS4-1	GTG41	Power Station No. 4 Cogen Unit 1		NO <sub>x</sub>	15.22	62.87
				VOC	4.24	17.49
				SO <sub>2</sub>	16.60	32.48
				CO	27.80	114.81
				PM	26.62	100.65
				PM <sub>10</sub>	26.62	100.65
				PM <sub>2.5</sub>	26.62	100.65
				H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
				Ammonia	7.88	27.88
SPS-LOV2	GTG42-LOV	Power Station No. 4 Lube Oil Vent 2	(4)	PM	0.05	0.22
				PM <sub>10</sub>	0.05	0.22
				PM <sub>2.5</sub>	0.05	0.22
SPS4-2	GTG42	Power Station No. 4 Cogen Unit 2		NO <sub>x</sub>	15.22	62.87
				VOC	4.24	17.49
				SO <sub>2</sub>	16.60	32.48
				CO	27.80	114.81
				PM	26.62	100.65
				PM <sub>10</sub>	26.62	100.65
				PM <sub>2.5</sub>	26.62	100.65
				H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
				Ammonia	7.88	27.88
SPS-LOV3	GTG43-LOV	Power Station No. 4 Lube Oil Vent 3	(4)	PM	0.05	0.22
				PM <sub>10</sub>	0.05	0.22
				PM <sub>2.5</sub>	0.05	0.22

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

SPS4-3	GTG43	Power Station No. 4 Cogen Unit 3	NO <sub>x</sub>	15.22	62.87
			VOC	4.24	17.49
			SO <sub>2</sub>	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM <sub>10</sub>	26.62	100.65
			PM <sub>2.5</sub>	26.62	100.65
			H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
SPS-LOV4	GTG44-LOV	Power Station No. 4 Lube Oil Vent 4	(4) PM	0.05	0.22
			PM <sub>10</sub>	0.05	0.22
			PM <sub>2.5</sub>	0.05	0.22
SPS4-4	GTG44	Power Station No. 4 Cogen Unit 4	NO <sub>x</sub>	15.22	62.87
			VOC	4.24	17.49
			SO <sub>2</sub>	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM <sub>10</sub>	26.62	100.65
			PM <sub>2.5</sub>	26.62	100.65
			H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
SPS4-6	Boiler 46	Power Boiler 46	Ammonia	7.88	27.88
			NO <sub>x</sub>	20.86	39.16
			VOC	3.21	7.04
			SO <sub>2</sub>	22.20	57.86
			CO	20.40	89.36
			PM	4.44	19.45
			PM <sub>10</sub>	4.44	19.45
			PM <sub>2.5</sub>	4.44	19.45
TK 2076	TK 2076	Storage TK 2076	Ammonia	2.23	9.77
TK 2073	TK 2073	Storage TK 2073	VOC (6)	Vapor	Recovery
TK 2074	TK 2074	Storage TK 2074	VOC	8.41	0.10
			Benzene	<0.01	<0.01
TK 1939	TK 1939	Storage TK 1939			

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

TK 1938	TK 1938	Storage TK 1938	VOC (6)	Vapor	Recovery
TK 2093	TK 2093	Storage TK 2093	VOC	11.89	9.02
TK 2094	TK 2094	Storage TK 2094	VOC	6.30	7.09
TK 2085	TK 2085	Storage TK 2085	VOC Benzene	12.61 <0.01	0.07 <0.01
TK 2097	TK 2097	Storage TK 2097	VOC Benzene	1.20 <0.01	7.17 0.04
TK 2096	TK 2096	Storage TK 2096	VOC Benzene	1.72 0.01	7.17 0.04
TK 2069	TK 2069	Storage TK 2069	VOC Benzene	7.10 0.01	11.28 0.01
TK 1937	TK 1937	Storage TK 1937	VOC (6)	Vapor	Recovery
TK 2120	TK 2120	Storage TK 2120	VOC (6)	Vapor	Recovery
TK 2121	TK 2121	Storage TK 2121	VOC (6)	Vapor	Recovery
TK 2067	TK 2067	Storage TK 2067	VOC Benzene	4.56 <0.01	11.28 0.01
TK 2068	TK 2068	Storage TK 2068	VOC Benzene	7.11 0.01	11.34 0.01
TK 2077	TK 2077	Storage TK 2077	VOC (6)	Vapor	Recovery
TK 2075	TK 2075	Storage TK 2075	VOC (6)	Vapor	Recovery
TK 2078	TK 2078	Storage TK 2078	VOC (6)	Vapor	Recovery
TK 2110	TK 2110	DCU quench water tank	VOC	0.02	0.10
TK 2111	TK 2111	Refinery waste tank	VOC	0.69	0.18
TK 2113	TK 2113	Storage TK 2113	VOC	0.07	0.26

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

TK 2115	TK 2115	Storage TK 2115	VOC	0.07	0.26
TK 1908	TK 1908	Storage TK 1908	VOC	<0.01	<0.01
004TK001	004TK001	Storage 004TK001	VOC	0.02	<0.01
TK 2112	TK 2112	Storage TK 2112	VOC	0.01	0.01
STGTU5-1	STGTU5-1	SRU5/TGTU5 Incinerator	NO <sub>x</sub>	5.22	22.85
			VOC	0.35	1.54
			SO <sub>2</sub>	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM <sub>10</sub>	0.49	2.13
			PM <sub>2.5</sub>	0.49	2.13
STGTU6-1	STGTU6-1	SRU6/TGTU6 Incinerator	NO <sub>x</sub>	5.22	22.85
			VOC	0.35	1.54
			SO <sub>2</sub>	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM <sub>10</sub>	0.49	2.13
			PM <sub>2.5</sub>	0.49	2.13
STGTU7-1	STGTU7-1	SRU7/TGTU7 Incinerator	NO <sub>x</sub>	5.22	22.85
			VOC	0.35	1.54
			SO <sub>2</sub>	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM <sub>10</sub>	0.49	2.13
			PM <sub>2.5</sub>	0.49	2.13
FPS 1 & 2	PS 2 FE	Power Station Nos. 1 & 2 Fugitive Emissions	(4) VOC	2.20	9.50
FPS3	PS NO 3 FE	Power Station No. 3 Fugitive Emissions	(4) VOC	2.20	9.50

### EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

SPS1-2	Boiler 29	Power Station No. 2, Boiler No. 9	NO <sub>x</sub>	227.50	981.30
			VOC	0.60	2.50
			SO <sub>2</sub>	11.00	47.20
			CO	17.30	75.80
			PM	2.10	8.90
			PM <sub>10</sub>	2.10	8.90
			PM <sub>2.5</sub>	2.10	8.90
SPS3-2	Boiler 32	Power Station No. 3, Boiler No. 2	NO <sub>x</sub>	210.00	905.80
			VOC	0.50	2.30
			SO <sub>2</sub>	10.10	43.60
			CO	14.90	65.20
			PM	1.90	8.20
			PM <sub>10</sub>	1.90	8.20
			PM <sub>2.5</sub>	1.90	8.20
SPS3-3	Boiler 33	Power Station No. 3 Boiler No. 3	NO <sub>x</sub>	210.00	905.80
			VOC	0.50	2.30
			SO <sub>2</sub>	10.10	43.60
			CO	14.90	65.20
			PM	1.90	8.20
			PM <sub>10</sub>	1.90	8.20
			PM <sub>2.5</sub>	1.90	8.20

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from a plot plan
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) Refer to Attachment I - Emission Groups for the specific EPNs, Facility Identification Numbers, and source names included in each group.
- (6) These tanks are authorized and routed to vapor recovery.

\* Emission rates are based on operating: 8,760 Hrs/yr

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

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

Dated: December 17, 2010