

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7695

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)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
005S4700	Scrubber Vent	VOC	0.09	0.40
005TMA	Tank Vent	VOC	0.05	0.22
005WW1	Wastewater	VOC	0.20	0.88
012C1AE	Engine Exhaust	NO <sub>x</sub>	6.07	26.58
		CO	0.74	3.24
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.08	0.33
		VOC	0.37	1.60
012C1BE	Engine Exhaust	NO <sub>x</sub>	6.07	26.58
		CO	0.74	3.24
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.08	0.33
		VOC	0.37	1.60
012C2AE	Engine Exhaust	NO <sub>x</sub>	6.07	26.58
		CO	0.74	3.24
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.08	0.33
		VOC	0.37	1.60
012T105	Tank Vent	VOC	0.90	0.01
013C1DE	Engine Exhaust	NO <sub>x</sub>	11.04	48.32
		CO	1.35	5.89
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.14	0.59
		VOC	0.67	2.90
013C1EE	Engine Exhaust	NO <sub>x</sub>	11.04	48.32

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			lb/hr	TPY**
		CO	1.35	5.89
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.14	0.59
		VOC	0.67	2.90
013C2CE	Engine Exhaust	NO <sub>x</sub>	9.93	43.49
		CO	1.22	5.30
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.13	0.53
		VOC	0.60	2.61
013C2DE	Engine Exhaust	NO <sub>x</sub>	9.93	43.49
		CO	1.22	5.30
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.13	0.53
		VOC	0.60	2.61
013C2EE	Engine Exhaust	NO <sub>x</sub>	7.32	32.02
		CO	0.90	3.90
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.09	0.39
		VOC	0.44	1.92
013C2FE	Engine Exhaust	NO <sub>x</sub>	7.32	32.02
		CO	0.90	3.90
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.09	0.39
		VOC	0.44	1.92
013C7AE	Engine Exhaust	NO <sub>x</sub>	27.20	119.13
		CO	3.32	14.51
		SO <sub>2</sub>	0.01	0.03
		PM <sub>10</sub>	0.34	1.45
		VOC	1.64	7.15

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			Emission Rates *	
			lb/hr	TPY**
012S34P	Waste Wax Separator	VOC	2.75	3.01
025T16	Tank Vent	VOC	0.10	0.01
012BH233	Filter Vent			
012CC1 - 012CC4	Pellet Cutters			
012D100 - 012D105	Bin Vents			
012D350 - 012D353	Bin Vents			
012D360 - 012D362	Bin Vents			
012D370 - 012D371	Bin Vents			
012D380 - 012D385	Bin Vents			
012D66 - 012D99	Bin Vents			
012LR23	Loading Vent			
012LR2A3	Loading Vent			
012NBA - 012NBF	Bin Vents			
012SLBT	Loading Vent			
012ST1A - 012ST4A	Vents			
012ST6A - 012ST7A	Vents			
012STA - 012STF	Vents			
013BH221	Filter Vent			
013BH336	Filter Vent			
013CC5	Pellet Cutter			

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			lb/hr	TPY**
013CS1 - 013CS3	Vents			
013D105H - 013D107H	Bin Vents			
013D300 - 013D303	Bin Vents			
013D310 - 013D313	Bin Vents			
013D320 - 013D323	Bin Vents			
013D340 - 013D347	Bin Vents			
013D390 - 013D397	Bin Vents			
013LR26	Loading Vent			
013LR2A6	Loading Vent			
013NBG - 013NBH	Bin Vents			
013STG - 013STH	Vents			
025BD10 - 025BD11	Bin Vents			
025BD13 - 025BD14	Bin Vents			
025BD22 - 025BD25	Bin Vents			
025BD29 - 025BD35	Bin Vents			
025BD3 - 025BD9	Bin Vents			
025LR2B2	Loading Vent			
025ST13A 065BH228	Vent Filter Vent			
065D600 - 065D618	Bin Vents			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
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065D630 - 065D632	Bin Vents			
065LR2C1	Loading Vent			
065LR3020	Loading Vent			
065LR3D2	Loading Vent			
	Pellet Emissions	VOC	120.00	347.70
		PM	6.36	8.17
059M4012	Vent	VOC	0.12	0.53
063CU1	Catalytic Oxidizer	VOC	3.82	3.48
		NO <sub>x</sub>	0.45	0.76
		CO	0.05	0.08
		SO <sub>2</sub>	0.02	0.05
064BJC	Vent	VOC	0.84	0.33
		PM	0.04	0.02
066D200	Tank Vent	VOC	0.06	0.01
066D201	Tank Vent	VOC	0.06	0.01
066D202	Tank Vent	VOC	1.73	0.04
066D204	Tank Vent	VOC	0.44	0.01
F005FG1	Fugitive (4)	VOC	0.04	0.15
F012FG1	Fugitives (4)	VOC	6.46	28.15
F012FG3	Fugitives (4)	VOC	0.49	2.13
F012FG8	Fugitives (4)	VOC	8.38	36.55
F012FG9	Fugitives (4)	VOC	0.71	3.11

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F054FG1	Fugitives (4)	VOC	0.06	0.25
F066FG2	Fugitives (4)	VOC	0.50	2.00
	Fugitives (4)	VOC	1.55	6.94

- (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) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
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. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year \_\_\_\_ or Hrs/year 8,760

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

Dated May 10, 2010