EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3908B

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)	Emission Rates * lb/hr	TPY
EF-206	Cooling Tower	VOC	0.60	2.59
ES-201	Package Boiler	VOC	0.17	0.76
		NO_x	6.22	27.23
		SO_2	0.01	0.05
		PM_{10}	0.84	3.70
		CO	4.34	19.01
ES-202	Standby Incinerator (6)	VOC	0.36	0.17
		NO_x	7.25	3.17
		PM_{10}	5.21	2.29
		CO	2.23	0.98
		SO_2	<0.01	<0.01
		HCl	<0.01	<0.01
ES-203	Waste Heat Boiler (6)	VOC	0.36	1.63
		NO_x	7.25	31.73
		PM_{10}	5.24	22.95
		CO	2.23	9.75
		SO_2	<0.01	<0.01
		HCl	<0.01	<0.01
ES-202	Standby Incinerator (7)	VOC	0.36	
		NO_X	7.25	
		PM_{10}	5.21	
		CO	2.23	
		SO_2	<0.01	
		HCl	<0.01	
ES-203	Waste Heat Boiler (7)	VOC	0.36	
		NO_X	7.25	
		PM_{10}	5.24	
		CO	2.23	
		SO_2	<0.01	
		HCl	<0.01	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
ES-202 and ES-203	Standby Incinerator and Waste Heat Boiler (7)			
		VOC	1.80	
		NO_X		34.90
		PM_{10}		25.24
		CO		10.73
		SO_2		<0.01
		HCl		0.01
ES-204	Regenerative Gas Heater	VOC	<0.01	<0.01
		NO_x	0.30	0.02
		SO_2	<0.01	<0.01
		PM	0.03	<0.01
		CO	0.07	<0.01
ES-205	Monument No. 2 Flare	VOC	0.60	0.16
		NO_x	0.08	0.10
		SO_2	<0.01	<0.01
		CO	0.41	0.51
ES-206	Package Boiler BO-4	VOC	0.35	1.53
		NO_x	0.90	3.94
		SO_2	0.95	4.17
		PM_{10}	0.48	2.11
		CO	4.84	21.19
EV-201A	Carlot Silo Blender	VOC	1.08	0.38
	Bag Filter	PM_{10}	0.27	0.47
EV-201B	Carlot Silo Blender	VOC	1.08	0.38
	Bag Filter	PM_{10}	0.27	0.47
EV-201C	Carlot Silo Blender	VOC	1.08	0.38
	Bag Filter	PM_{10}	0.27	0.47
EV-201D	Carlot Silo Blender	VOC	1.08	0.38
	Bag Filter	PM_{10}	0.27	0.47

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
EV-202A	Pellet Line Lot Blender	VOC	0.72	0.43
		PM_{10}	0.03	0.06
EV-202B	Pellet Line Lot Blender	VOC	0.72	0.43
		PM_{10}	0.03	0.06
EV-202C	Pellet Line Lot Blender	VOC	0.72	0.43
		PM_{10}	0.03	0.06
EV-202D	Pellet Line Lot Blender	VOC	0.72	0.43
		PM_{10}	0.03	0.06
EV-202E	Pellet Offspec Bin	VOC	0.72	0.18
		PM_{10}	0.03	0.01
EV-204	Bagging Bin Vent Filter	VOC	1.08	0.38
		PM_{10}	0.27	0.47
EV-207	Alkyl Seal Pot	VOC	0.36	1.06
EV-208	Additive Feed Hopper Vent Filter	PM_{10}	0.01	0.01
EV-209A	Pellet Dryer Exhaust	VOC	0.72	0.96
ES-209B	Pellet Dryer Exhaust	VOC	0.72	0.96
EV-211	Cooling Water Additive Tanks	VOC	<0.01	<0.01
EV-212	Boiler Water Additive Tanks	VOC	0.23	<0.01
EV-251	Powder Masterbatch	PM	0.16	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	Weight Bin Vent Filter	PM_{10}	0.03	<0.01
EV-261	Powder Masterbatch	PM	0.16	0.03
	Weight Bin Vent Filter	PM_{10}	0.03	<0.01
EV-252	Pellet Refeed Bin Vent	VOC	0.72	<0.01
		PM_{10}	0.03	<0.01
EV-262	Pellet Refeed Bin Vent	VOC	0.72	<0.01
		PM_{10}	0.03	<0.01
EV-253	Inline Blender Vent	VOC	1.06	4.64
	Filter	PM	0.02	0.08
		PM_{10}	0.02	0.07
EV-263	Inline Blender Vent	VOC	1.06	4.64
	Filter	PM	0.02	0.08
		PM_{10}	0.02	0.07
F2	Fugitives (4)	VOC	2.44	10.70
EV-254	Vacuum Cleaning System	PM	0.16	0.07
		PM_{10}	0.08	0.03
ES-805	Train No. 8 Flare (5)	VOC	0.53	<0.01
		NO_x	0.03	<0.01
		CO	0.19	<0.01
		SO_2	<0.01	<0.01
ES-802	Alkyl Flare (5)	VOC	0.41	0.02
		NO_x	0.05	<0.01
		CO	0.11	<0.01
		SO_2	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - 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 in emitted.
CO - carbon monoxide
HCl - hydrogen chloride

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Emission contributions due to Train Nos. 5 and 6 (under Permit No. 3908B) only. This emission point number permitted under Permit No. 21538.
(6) These emission limits are in effect on and after August 16, 2012
(7) These emission limits for the Waste Heat Boiler System (ES-202 and ES-203) are in effect until August 16, 2012.

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

_____Hrs/day____Days/week_____Weeks/year or _8,760_ Hrs/year

Dated August 28, 2002