EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9292A and PSDTX605M3

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, sources, and related activities. 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**	
			lbs/hour	**TPY (4)**
GT-102	Gas Turbine/HRSG 102 Stack (Westinghouse 501D Turbine)	VOC	6.0	---
		NO_X (5)	126.1	---
		SO_2	1.0	---
		PM_{10}	5.3	---
		CO	352.3	---
GT-103	Gas Turbine/HRSG 103 Stack (Westinghouse 501D Turbine)	VOC	6.0	---
		NO_X (5)	126.1	---
		SO_2	1.0	---
		PM_{10}	5.3	---
		CO	352.3	---
GT-104	Gas Turbine/HRSG 104 Stack (Westinghouse 501D Turbine)	VOC	6.0	---
		NO_X (5)	126.1	---
		SO_2	1.0	---
		PM_{10}	5.3	---
		CO	352.3	---
GT-102	Gas Turbine/HRSG 102 Stack (Westinghouse 501D Turbine) **Hourly MSS** (6)(7)	VOC	183.49	---
		NO_X (5)	400.00	---
		SO_2	1.00	---

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		PM_{10}	5.30	---
		CO	3200.00	---
GT-103	Gas Turbine/HRSG 103 Stack (Westinghouse 501D Turbine) **Hourly MSS** (6)(7)	VOC	183.49	---
		NO_X (5)	400.00	---
		SO_2	1.00	---
		PM_{10}	5.30	---
		CO	3200.00	---
GT-104	Gas Turbine/HRSG 104 Stack (Westinghouse 501D Turbine) **Hourly MSS** (6)(7)	VOC	183.49	---
		NO_X (5)	400.00	---
		SO_2	1.00	---
		PM_{10}	5.30	---
		CO	3200.00	---
GT-102, GT-103, and GT-104	Total of Gas Turbine/HRSG 104 through 104 (8)	NO_X	---	432.0
		VOC	---	62.4
		SO_2	---	9.4
		PM_{10}	---	43.3
		CO	---	3654.7
		H_2SO_4	---	0.49
CT-101A	Cooling Tower 101A (9)	PM_{10}	0.12	0.33
CT-101B	Cooling Tower 101B (9)	PM_{10}	0.12	0.33
CT-101C	Cooling Tower 101C (9)	PM_{10}	0.12	0.33
CT-101D	Cooling Tower 101D (9)	PM_{10}	0.12	0.33
CT-102A	Cooling Tower 102A	PM_{10}	0.12	0.33

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	(9)			
CT-102B	Cooling Tower 102B (9)	PM_{10}	0.12	0.33
MSSFUG	Planned MSS Related Fugitives (10)	VOC	3.52	0.02
		NO_X	<0.01	<0.01
		$PM_{10}/PM_{2.5}$	0.05	0.03
		CO	<0.01	<0.01

(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_{10} - total particulate matter (PM), suspended in the atmosphere, equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
H_2SO_4 - sulfuric acid mist
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5) NO_X pound per hour emission rate is based upon a rolling three-hour average period.
(6) For each pollutant whose emissions during planned MSS activities are measured using a CEMS, the MSS lb/hr limits apply only during each clock hour that includes one or more minutes of MSS activities. During all other clock hours, the normal lb/hr limits apply.
(7) These limits include hourly emissions from a non-ILE activity (See Attachment B).
(8) The tpy emission limit specified in the MAERT for this facility includes emissions from the facility during both normal operations and planned MSS activities.
(9) The pound per hour and ton per year emission limits specified in the MAERT for this facility includes emissions from the facility during both normal operations and planned MSS activities.
(10) Fugitive emissions are an estimate based on component count and applicable fugitive emission factors.

Dated August 24, 2011