### Permit Numbers 40040 and PSDTX923

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)	Emissio	n Rates
(=)			lbs/hour	TPY (4)
STACK1	ABB GT24 - Natural Gas Firing, Normal	NO <sub>x</sub>	34	
	Operations, including Hold Point 2 mode	СО	254	
		VOC	17.6	
		SO <sub>2</sub>	4.2	
		PM <sub>10</sub>	20	
		NH <sub>3</sub>	25.2	
	ABB GT24 - Natural Gas Firing, Steam	NO <sub>x</sub>	34	
	Injection Mode	СО	105	
		VOC	10	
		SO <sub>2</sub>	5.2	
		PM <sub>10</sub>	24.3	
		NH <sub>3</sub>	24.7	
	ABB GT24 - Fuel Oil Firing	NO <sub>x</sub>	77	
		СО	310	
		VOC	18	
		SO <sub>2</sub>	111	
		PM <sub>10</sub>	112	
		NH <sub>3</sub>	31.1	
	ABB GT24 - Startup/Shutdown,	NO <sub>x</sub>	990	
	Transient, and Online Turbine Washing Operation (5)(6)	СО	2,100	
	Operation (5)(6)	VOC	132	
	ABB GT24 - Maintenance/CT Tuning (5)(6)	со	3,500	
STACK2	ABB GT24 - Natural Gas Firing, Normal	NO <sub>x</sub>	34	
	Operations, including Hold Point 2 mode	СО	254	
		VOC	17.6	
		SO <sub>2</sub>	4.2	
		PM <sub>10</sub>	20	
		NH <sub>3</sub>	25.2	
	ABB GT24 - Natural Gas Firing, Steam	NO <sub>x</sub>	34	
	Injection Mode	СО	105	
		VOC	10	
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		SO <sub>2</sub>	5.2	
		PM <sub>10</sub>	24.3	
		NH <sub>3</sub>	24.7	
	ABB GT24 - Fuel Oil Firing	NO <sub>x</sub>	77	
		СО	310	
		VOC	18	
		SO <sub>2</sub>	111	
		PM <sub>10</sub>	112	
		NH <sub>3</sub>	31.1	
	ABB GT24 - Startup/Shutdown,	NO <sub>x</sub>	990	
	Transient, and Online Turbine washing	СО	2,100	
	Operation (5)(6)	VOC	132	
	ABB GT24 - Maintenance/CT Tuning (5)(6)	со	3,500	
STACK3	ABB GT24 - Natural Gas Firing, Normal	NO <sub>x</sub>	34	
	Operations, including Hold Point 2 mode	СО	254	
		VOC	17.6	
		SO <sub>2</sub>	4.2	
		PM <sub>10</sub>	20	
		NH <sub>3</sub>	25.2	
STACK3	ABB GT24 - Natural Gas Firing, Steam	NO <sub>x</sub>	34	
	Injection Mode	со	105	
		VOC	10	
		SO <sub>2</sub>	5.2	
		PM <sub>10</sub>	24.3	
		NH <sub>3</sub>	24.7	
	ABB GT24 - Fuel Oil Firing	NO <sub>x</sub>	77	
		СО	310	
		VOC	18	
		SO <sub>2</sub>	111	
		PM <sub>10</sub>	112	
		NH <sub>3</sub>	31.1	
	ABB GT24 - Startup/Shutdown,	NO <sub>x</sub>	990	
	Transient, and Online Turbine washing Operation (5)(6)	СО	2,100	
	Speration (3)(0)	voc	132	

	ABB GT24 - Maintenance/CT Tuning (5)(6)	со	3,500	
STACK4	ABB GT24 - Natural Gas Firing, Normal	NO <sub>x</sub>	34	
	Operations, including Hold Point 2 mode	СО	254	
		VOC	17.6	
		SO <sub>2</sub>	4.2	
		PM <sub>10</sub>	20	
		NH <sub>3</sub>	25.2	
	ABB GT24 - Natural Gas Firing, Steam	NO <sub>x</sub>	34	
	Injection Mode	СО	105	
		VOC	10	
		SO <sub>2</sub>	5.2	
		PM <sub>10</sub>	24.3	
		NH <sub>3</sub>	24.7	
STACK4	ABB GT24 - Fuel Oil Firing	NO <sub>x</sub>	77	
		СО	310	
		VOC	18	
		SO <sub>2</sub>	111	
		PM <sub>10</sub>	112	
		NH <sub>3</sub>	31.1	
	ABB GT24 – Startup/Shutdown,	NO <sub>x</sub>	990	
	Transient, and Online Turbine washing	СО	2,100	
	Operation (5)(6)	VOC	132	
	ABB GT24 - Maintenance/CT Tuning (5)(6)	со	3,500	
STACK1	All Four Turbines Combined	NO <sub>x</sub>		611.2
STACK2	(Includes all fuels and modes of	СО		865.9
STACK3 STACK4	operation)	VOC		132.4
		SO <sub>2</sub>		213.2
		PM <sub>10</sub>		478.4
		NH <sub>3</sub>		418.8
FUG	Site Fugitives (7)	VOC	0.29	1.27
		NH₃	0.03	0.12
Vent No. 1	Lube Oil Reservoir Vapor Extractor	VOC	0.003	0.01
		PM	0.003	0.01
		PM <sub>10</sub>	0.003	0.01
		PM <sub>2.5</sub>	0.003	0.01
pVent No. 2	Lube Oil Reservoir Vapor Extractor	VOC	0.003	0.01
		PM	0.003	0.01

		PM <sub>10</sub>	0.003	0.01
		PM <sub>2.5</sub>	0.003	0.01
Vent No. 3	Lube Oil Reservoir Vapor Extractor	VOC	0.003	0.01
	·	РМ	0.003	0.01
		PM <sub>10</sub>	0.003	0.01
		PM <sub>2.5</sub>	0.003	0.01
Vent No. 4	Lube Oil Reservoir Vapor Extractor	voc	0.003	0.01
		PM	0.003	0.01
		PM <sub>10</sub>	0.003	0.01
		PM <sub>2.5</sub>	0.003	0.01
MSS FUG	Inherently Low-Emitting Maintenance	NO <sub>x</sub>	<0.01	<0.01
	Activities (7)	СО	0.04	0.01
		VOC	21	1.1
		PM	4.5	0.1
		PM <sub>10</sub>	4.5	0.1
		PM <sub>2.5</sub>	4.5	0.1
		NH₃	6.6	0.1
IG1	Stack 1 Ammonia Injection Grid 1 (7)	NH₃	<0.01	0.02
V1	Stack 1 Ammonia Vaporizer 1 (7)	NH₃	<0.01	0.02
IG2	Stack 2 Ammonia Injection Grid 2 (7)	NH <sub>3</sub>	<0.01	0.02
V2	Stack 2 Ammonia Vaporizer 2 (7)	NH <sub>3</sub>	<0.01	0.02
IG3	Stack 3 Ammonia Injection Grid 3 (7)	NH <sub>3</sub>	<0.01	0.02
V3	Stack 3 Ammonia Vaporizer 3 (7)	NH <sub>3</sub>	<0.01	0.02
IG4	Stack 4 Ammonia Injection Grid 4 (7)	NH <sub>3</sub>	<0.01	0.02
V4	Stack 4 Ammonia Vaporizer 4 (7)	NH₃	<0.01	0.02

- (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
  - SO<sub>2</sub>- sulfur dioxide
  - PM total particulate matter, suspended in the atmosphere, including  $PM_{10}$  and  $PM_{2.5}$
  - PM<sub>10</sub> total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub> particulate matter equal to or less than 2.5 microns in diameter

NH<sub>3</sub>- ammonia

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Hourly emissions shown are the only emissions that are higher than emissions during normal operations. Normal operations emission limits apply to pollutants not shown that are emitted during transient operation, CT maintenance, startup, and shutdown (MSS).
- (6) For CT MSS and transient operation CO emissions may exceed 2,100 lbs/hr no more than 50 hours per year for all turbines combined, but must never exceed 3,500 lbs/hr.
- (7) Emission rate is an estimate and is enforceable through compliance with the applicable special conditions and permit application representations.

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