EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5631

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
27-14	Internal Floating Roof Tank	VOC		
27-15	Internal Floating Roof Tank	VOC		
80-7	Internal Floating Roof Tank	VOC		
80-10	Internal Floating Roof Tank	VOC		
80-12	Internal Floating Roof Tank	VOC		
80-43	Internal Floating Roof Tank	VOC		
80-44	Internal Floating Roof Tank	VOC		
80-45	Internal Floating Roof Tank	VOC		
80-46	Internal Floating Roof Tank	VOC		
100-47	Internal Floating Roof Tank	VOC		
100-48	Internal Floating Roof Tank	VOC		
100-49	Internal Floating Roof Tank	VOC		
100-50	Internal Floating Roof Tank	VOC		
100-51	Internal Floating Roof Tank	VOC		
100-52	Internal Floating Roof Tank	VOC		
100-53	Internal Floating Roof Tank	VOC		
100-58	Internal Floating Roof Tank	VOC		
100-59	Internal Floating Roof Tank	VOC		
100-60	Internal Floating Roof Tank	VOC		
150-9	Internal Floating Roof Tank	VOC		
150-40	Internal Floating Roof Tank	VOC		
150-41	Internal Floating Roof Tank	VOC		
150-42	Internal Floating Roof Tank	VOC		
150-54	Internal Floating Roof Tank	VOC		
150-55	Internal Floating Roof Tank	VOC		
150-56	Internal Floating Roof Tank	VOC		
150-57	Internal Floating Roof Tank	VOC		
200-8	Internal Floating Roof Tank	VOC		

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
200-11	Internal Floating Roof Tank	VOC		
260-5	Internal Floating Roof Tank	VOC		
260-6	Internal Floating Roof Tank	VOC		
300-1	Internal Floating Roof Tank	VOC		
300-2	Internal Floating Roof Tank	VOC		
300-3	Internal Floating Roof Tank	VOC		
300-4	Internal Floating Roof Tank	VOC		
300-21	Internal Floating Roof Tank	VOC		
300-22	Internal Floating Roof Tank	VOC		
B30-11	Internal Floating Roof Tank	VOC		
B30-12	Internal Floating Roof Tank	VOC		
C80-3	Internal Floating Roof Tank	VOC		
C80-4	Internal Floating Roof Tank	VOC		
LD-111	Internal Floating Roof Tank	VOC		
LD-112	Internal Floating Roof Tank	VOC		
LD-113	Internal Floating Roof Tank	VOC		
LD-114	Internal Floating Roof Tank	VOC		
TH-501	Internal Floating Roof Tank	VOC		
TH-502	Internal Floating Roof Tank	VOC		
B30-9	Fixed-Roof Tank	VOC		
B30-10	Fixed-Roof Tank	VOC		
C30-11	Fixed-Roof Tank	VOC		
C80-1	Fixed-Roof Tank	VOC		
C80-2	Fixed-Roof Tank	VOC		
LD-115	Fixed-Roof Tank	VOC		
LD-116	Fixed-Roof Tank	VOC		
FUG 100	100 Manifold Fugitives	VOC		
FUG 500	500 Manifold Fugitives	VOC		
FUG B	B Manifold Fugitives	VOC		
FUG C	C Manifold Fugitives	VOC		
FUG D	D Manifold Fugitives	VOC		
FUG E	E Manifold Fugitives	VOC		
SD-1	Ship Dock 1 Fugitives	VOC		
BD-B	Barge Dock B Fugitives	VOC		
TR-1	Truck Loading Rack 1	VOC		
MLF-1	Marine Loading Flare	VOC		
500	Allison Gas Turbine	VOC		
E-1	Engine	VOC		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
E-2	Engine	VOC		
H-1	Heater	VOC		
RCR-1	Railcar Loading Rack Fugitives	VOC		
TR-2	Tank Truck Loading Rack 2 Fugitives	VOC		
LRO-1	Loading Rack Thermal Oxidizer	VOC		
	Emission Cap	**VOC**	**777.4**	**272.56**
27-14	Internal Floating Roof Tank	BZ		
27-15	Internal Floating Roof Tank	BZ		
80-7	Internal Floating Roof Tank	BZ		
80-10	Internal Floating Roof Tank	BZ		
80-12	Internal Floating Roof Tank	BZ		
80-43	Internal Floating Roof Tank	BZ		
80-44	Internal Floating Roof Tank	BZ		
80-45	Internal Floating Roof Tank	BZ		
80-46	Internal Floating Roof Tank	BZ		
100-47	Internal Floating Roof Tank	BZ		
100-48	Internal Floating Roof Tank	BZ		
100-49	Internal Floating Roof Tank	BZ		
100-50	Internal Floating Roof Tank	BZ		
100-51	Internal Floating Roof Tank	BZ		
100-52	Internal Floating Roof Tank	BZ		
100-53	Internal Floating Roof Tank	BZ		
100-58	Internal Floating Roof Tank	BZ		
100-59	Internal Floating Roof Tank	BZ		
100-60	Internal Floating Roof Tank	BZ		
150-9	Internal Floating Roof Tank	BZ		
150-40	Internal Floating Roof Tank	BZ		
150-41	Internal Floating Roof Tank	BZ		
150-42	Internal Floating Roof Tank	BZ		
150-54	Internal Floating Roof Tank	BZ		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
150-55	Internal Floating Roof Tank	BZ		
150-56	Internal Floating Roof Tank	BZ		
150-57	Internal Floating Roof Tank	BZ		
200-8	Internal Floating Roof Tank	BZ		
200-11	Internal Floating Roof Tank	BZ		
260-5	Internal Floating Roof Tank	BZ		
260-6	Internal Floating Roof Tank	BZ		
300-1	Internal Floating Roof Tank	BZ		
300-2	Internal Floating Roof Tank	BZ		
300-3	Internal Floating Roof Tank	BZ		
300-4	Internal Floating Roof Tank	BZ		
300-21	Internal Floating Roof Tank	BZ		
300-22	Internal Floating Roof Tank	BZ		
B30-11	Internal Floating Roof Tank	BZ		
B30-12	Internal Floating Roof Tank	BZ		
C80-3	Internal Floating Roof Tank	BZ		
C80-4	Internal Floating Roof Tank	BZ		
LD-111	Internal Floating Roof Tank	BZ		
LD-112	Internal Floating Roof Tank	BZ		
LD-113	Internal Floating Roof Tank	BZ		
LD-114	Internal Floating Roof Tank	BZ		
TH-501	Internal Floating Roof Tank	BZ		
TH-502	Internal Floating Roof Tank	BZ		
FUG 100	100 Manifold Fugitives	BZ		
FUG 500	500 Manifold Fugitives	BZ		
FUG B	B Manifold Fugitives	BZ		
FUG C	C Manifold Fugitives	BZ		
FUG D	D Manifold Fugitives	BZ		
FUG E	E Manifold Fugitives	BZ		
SD-1	Ship Dock 1 Fugitives	BZ		
BD-B	Barge Dock B Fugitives	BZ		
TR-1	Truck Loading Rack 1	BZ		
MLF-1	Marine Loading Flare	BZ		
RCR-1	Railcar Loading Rack Fugitives	BZ		
TR-2	Tank Truck Loading Rack 2			

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1) *	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
	Fugitives	BZ		
LRO-1	Loading Rack Thermal Oxidizer	BZ		
	Emission Cap	**BZ**	**106.27**	**11.71**
MLF-1	Marine Loading Flare	NO_x, CO		
500	Allison Gas Turbine	NO_x, CO		
E-1	Engine	NO_x, CO		
E-2	Engine	NO_x, CO		
H-1	Heater	NO_x, CO		
LRO-1	Loading Rack Thermal Oxidizer	NO_x, CO		
	Emission Cap	**NO_x**	**26.03**	**72.77**
	Emission Cap	**CO**	**26.65**	**46.07**
500	Allison Gas Turbine	PM, SO_2		
E-1	Engine	PM, SO_2		
E-2	Engine	PM, SO_2		
H-1	Heater	PM, SO_2		
	Emission Cap	**PM**	**0.36**	**1.58**
	Emission Cap	**SO_2**	**0.04**	**0.19**
Boilers and Turbines				
S-1	Boiler	VOC	0.10	0.40
		NO_x	4.00	17.30
		CO	1.00	4.30
		PM	0.10	0.60
		SO_2	0.02	0.07
S-4	Boiler	VOC	0.14	0.61
		NO_x	15.45	67.67
		CO	4.01	17.55
		PM	0.50	2.19

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		SO_2	0.06	0.26
S-7	IBW Gas-Fired Boiler 73.4 MMBtu	VOC	0.32	1.42
		NO_x	3.67	16.08
		CO	2.79	12.22
		PM	0.37	1.61
		SO_2	0.04	0.19
S-8	IBW Gas-Fired Boiler 73.4 MMBtu	VOC	0.32	1.42
		NO_x	3.67	16.08
		CO	2.79	12.22
		PM	0.37	1.61
		SO_2	0.04	0.19

(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 General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
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 is emitted.
SO_2 - sulfur dioxide
BZ - benzene

* 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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY

Dated ____