

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 22508 and PSD-TX-874

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
G-STACK	G Finishing Line Stack (7) 238.0	VOC		59.50
		PM	2.88	11.48
F-DRY	F Line Hot Air Dryer (8)	VOC	11.50	46.00
		PM	0.43	1.72
F-CYCLONE	F Line Cyclone (8)	VOC	4.50	18.00
		PM	0.46	1.85
F-SCREEN	F Line Deterring Screen (8) 8.00	VOC		2.00
		PM	0.15	0.59
33324v	South Slurry Surge Tank (8) 47.00	VOC		11.75
		PM	0.40	1.58
FLARE	Waste Gas Flare (5)	VOC	6.89	30.18
		CO	2.25	9.88
		NO _x	0.44	1.94
LBRFUG-4	LBR Process Area Piping Equipment (4)(6)	VOC	10.26	44.94
		NH ₃	0.06	0.28
	LBR Process Area Piping Equipment (4)	VOC	10.11	44.31
		NH ₃	0.06	0.28

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<u>Emission</u> *	Source	Air Contaminant	<u>Emission</u>	<u>Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr TPY</u>	
LBRFUG-5	LBR Tank Farm Piping Equipment (4)(6)	VOC	0.50	2.19
	LBR Tank Farm Piping Equipment (4)	VOC	0.48	2.11
NCT-1	Cooling Tower	VOC	0.84	3.36
L-WWV	Wastewater (9)	VOC	5.75	23.0
	Wastewater Stripper (10) 2.59	VOC		0.66
35395-V	Butyllithium Knockout Pot 0.23		VOC	43.4
35059-V	DEAC Relief Header	VOC	43.5	0.20
35398-V	Tank 35398-V	VOC	2.68	0.47

(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

PM - particulate matter

CO - carbon monoxide

NO_x - nitrogen oxides

NH₃ - ammonia

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Emissions do not include emergency releases to the flare.

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Point No. (1)	Name (2)	Name (3)	lb/hr TPY

(6) Allowable emission rate until pump seals have been upgraded as required by Special Condition No. 9.

(7) Allowable emission rate after construction and initial operation of G line.

(8) Allowable emission rates until initial operation of G line.

(9) Allowable emission rate until October 31, 1998 or initial operation of G-line, whichever occurs first.

(10) Allowable emission rate after October 31, 1998 or initial operation of G-line, whichever occurs first.

* 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

Dated _____