

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49018

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**
DPC-002	Diaphragm Cell Disassembly Vent	Cl ₂	0.01	0.01
DPC-085	High Pressure Mercury Cell Hydrogen Stack (1,728 hours per calendar year)	Hg MeOH	0.006 2.5	0.005 2.16
DPC-012	North Delaval Reservoir	CCl ₄	0.03	0.13
DPC-013	South Delaval Reservoir	CCl ₄	0.03	0.13
F-DP-C01	Mercury Cell Process Fugitives (4)	Cl ₂ Hg	0.14 0.12	0.01 0.53
F-DP-C08	Mercury Cell Sulfuric Acid Loading	Cl ₂ H ₂ SO ₄	0.02 0.28	0.01 0.07
F-DP-C02L	Chlorine Liquefaction Sulfuric Acid Loading	H ₂ SO ₄	0.28	0.16
F-DP-C02	Chlorine Liquefaction Process Fugitives (4)	Cl ₂ CCl ₄	0.02 0.92	0.01 4.02

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) CCl₄ - carbon tetrachloride

Cl₂ - chlorine

Hg - mercury

H₂SO₄ - sulfuric acid

MeOH - methanol

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

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

24 Hrs/day 7 Days/week 52 Weeks/year

** Compliance with annual emission limits is based on a rolling 12-month period.