

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Pending Draft

Permit Number 9359

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**
301(6)	Nitric Unit Stack (6)	NO _x	75.00	219.00
		CO	225.00	876.00
		H ₂ S	0.14	0.04
		Ammonia	85.00	152.00
302	Ammonia Fugitives (4)	Ammonia	0.32	1.40
302MSS	MSS Ammonia Fugitives (5)	Ammonia	0.26	0.32
DEGAS	Controlled Equipment Degassing for Maintenance Activities (5)			
		CO	0.50	0.01
		NO _x	160.00	0.96
DEGASFUG	Fugitive Equipment Degassing for Maintenance Activities (5)			
		Nitric Acid	2.27	0.05
		Ammonia	0.91	0.02
INS	MSS Insignificant Activities (5)	Nitric Acid	1.38	0.37
		Ammonia	1.38	0.37

(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) NO_x - total oxides of nitrogen

CO - carbon monoxide

H₂S - hydrogen sulfide

(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

(5) Planned Maintenance, Startup, and shutdown (MSS) activities described in the permit Special Conditions.

(6) Includes MSS degassing activities

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

8,760 hrs/year.

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

Dated: July 15, 2011