

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22914

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
TKP	Pan Area, Track 1 (Loading Losses)			VOC	2.45	1.10
				HCl	0.068	0.006
				H2O2	0.001	<0.001
				H3PO4	0.003	<0.001
				H2SO4	0.007	<0.001
				NH4NO3	<0.001	<0.001
				Urea	<0.001	<0.001
				NH3	<0.001	<0.001
				NaOH	<0.001	<0.001
TK123	Tracks 1, 2, and 3 (Loading Losses)			Corn Syrup	<0.001	<0.001
				Latex	<0.001	<0.001
				NaSi	<0.001	<0.001
				Beet Molasses	<0.001	<0.001
				Kaolin Liquid	<0.001	<0.001
				TiO2	<0.001	<0.001
				CO2	<0.001	<0.001
ABSORBER	Absorber Stack			HCl	0.005	<0.001
				H2SO4	0.010	<0.001
BAGHOUSE	Vacuum Pump Discharge			PM10	0.617	0.138
FUGITIVES	Piping Fugitives (4)			VOC	1.24	0.35
				HCl	<0.001	<0.001
				H2O2	0.009	<0.001
				H3PO4	<0.001	<0.001
				H2SO4	<0.001	<0.001
				NH4NO3	<0.001	<0.001
				Urea	<0.001	<0.001
				NH3	0.001	<0.001
				NaOH	<0.001	<0.001
				Corn Syrup	<0.001	<0.001

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Latex	<0.001	<0.001
NaSi	<0.001	<0.001
Beet Molasses	<0.001	<0.001
Kaolin Liquid	<0.001	<0.001
TiO ₂	<0.001	<0.001
CO ₂	<0.001	<0.001

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- (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
HCl - hydrogen chloride
H₂O₂ - hydrogen peroxide
H₃PO₄ - phosphoric acid (in aqueous solution)
H₂SO₄ - sulfuric acid (in aqueous solution)
NH₄NO₃ - ammonium nitrate (in urea ammonium nitrate aqueous solution)
NH₃ - ammonia (in urea ammonium nitrate aqueous solution)
NaOH - sodium hydroxide (in aqueous solution)
NaSi - sodium silicate (in aqueous solution)
TiO₂ - titanium dioxide (in aqueous solution)
CO₂ - carbon dioxide
PM₁₀ - particulate matter less than 10 microns in diameter
 - (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:

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760

Dated _____