

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3921

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
S-51	Absorber (until 7/10/98)	H ₂ S	0.336	0.01
		SO ₂	1.06	0.04
S-51	Absorber (after 7/10/98)	H ₂ S	0.02	<0.01
		SO ₂	0.11	0.02
S-35B	Packed Column Absorber	SO ₂	0.07	0.29
S-16	Spray Column Absorber	SO ₂	0.04	0.01
		SO ₃	<0.01	<0.01
SCL-1/3-S	Venturi Absorber	SO ₂	0.02	<0.01
		SO ₃	<0.01	<0.01
J-42	Sodium Sulfite Tank	Na ₂ SO ₃	<0.01	<0.01
J-68	Sodium Sulfite Tank	Na ₂ SO ₃	<0.01	<0.01
OS-2	Alkylated Benzene Tank	VOC	0.03	0.03
OS-3	Alkylated Benzene Tank	VOC	0.03	0.03
S-49	Packed Tower Scrubber	VOC	0.14	0.61
		SO ₂	0.11	0.48
CCS-FUG	Process Fugitives (4)	VOC	0.06	0.27
		Sulfur	0.02	0.08
		SO ₃	0.03	0.15

HCl	0.01	0.02
Oleum	0.04	0.16

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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)

H ₂ S	-	hydrogen sulfide
SO ₂	-	sulfur dioxide
SO ₃	-	sulfur trioxide
Na ₂ SO ₃	-	sodium sulfite
VOC	-	volatile organic compounds as defined in General Rule 101.1
HCl	-	hydrogen chloride
- (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/year 8,760

Dated_____