

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9582

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.

CONTAMINANTS DATA			AIR	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
BLR-20	M-526 Boiler	CO	7.1	10.3
		NO <sub>x</sub>	8.8	31.9
		PM <sub>10</sub>	0.9	2.9
		VOC	0.24	1.4
		SO <sub>2</sub>	2.7	1.5
V-9	C-202 Scrubber Exhaust	VOC	EMERGENCY USE ONLY	
SN-1	R4170 (4)	Xylene	0.37	0.15
		Methylmethacrylate	0.33	0.14
	OCPSF PH II (4)	Benzene	0.02	0.07
		Acetone	0.12	0.54
SN-1	Wingstay SN-1 (4)	Methylacrylate	0.25	1.10
		Dodecylmercaptan	1.21	5.31
W-29/W-C	Wingstay-29 (4)	Diphenylamine	0.05	0.20
		Styrene	0.05	0.24
W-29/W-C	Wingstay-C (4)	Alpha Methyl Styrene	0.02	0.09
		Isobutylene	0.01	0.02
FU-20	Stream No. 1 and No. 2 (4)	VOC	0.07	0.31
FU-20	Wastewater Tank Piping (4)	VOC	0.01	0.03
FU-21	NESHAP FF Components (4)	Benzene	0.36	1.56
		Acetone	0.13	0.60
		Cumene	0.06	0.29
		Organic Heavies	0.20	0.90

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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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
SO<sub>2</sub> - sulfur dioxide
- (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 June 19, 2000