

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21883

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) ton/yr	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lb/hr	
S-1	Mixing and Collection Exhaust	VOC PM	10.51 0.07	12.7 0.3
S-2 through S-7	Coated Abrasives Exhaust	VOC	2.10	6.55
SOLV 2	Cleaning and Lubrication Solvent Exhaust	VOC	0.59	1.9
F-BA-1	Fugitive Emissions Bonded Abrasives	VOC	0.11	0.4
F-CA-1, F-CA-2 and S-8	Fugitive Emissions Coated Abrasives	VOC PM	2.90 0.20	9.04 0.9
BOC-7a through BOC-7g	Box Oven Combustion Exhausts	POC	1.78	7.8
BOE-7a through BOE-7g	Box Oven Cooling Exhausts	VOC NH <sub>3</sub>	0.08 0.24	0.4 1.1
TOE-1	Tunnel Oven 1 Curing Exhaust Stack	VOC NH <sub>3</sub>	0.02 0.04	0.06 0.15
TOE-3	Tunnel Oven 3 Curing Exhaust Stack	VOC NH <sub>3</sub>	0.02 0.04	0.06 0.15
TOC-1	Tunnel Oven 1 Combustion Stack	POC	0.51	2.06
TOC-3	Tunnel Oven 3	POC	0.51	2.06

## Combustion Stack

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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)
  - PM - particulate matter
  - VOC - volatile organic compounds as defined in General Rule 101.1
  - POC - products of combustion including VOC, NO<sub>x</sub>, SO<sub>2</sub>, CO, and PM
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - CO - carbon monoxide
  - NH<sub>3</sub> - ammonia

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated\_\_\_\_\_