

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 16965

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
A	Roll Storage Vent	Isopentane	0.78	2.3
B	Roll Storage Vent	Isopentane	0.58	1.7
C, D, E, and F	Processing Area Vents	Isopentane	18.0	52.8
		Styrene	0.88	4.0
		Ethyl Benzene	0.88	4.0
H	Thermal Oxidizer Stack (4) 8.8	Isopentane		4.2
	0.05	VOC (Excluding Isopentane)		0.01
		PM	<0.01	0.02
		NO _x	0.12	0.03
		SO ₂	<0.01	<0.01
		CO	0.03	<0.01
I	Color Regrind Silo Exhaust 2.2	Isopentane		0.65
		PM	0.21	0.91
J	Color Regrind Silo Exhaust 2.2	Isopentane		0.75
		PM	0.22	1.0
L	High Impact Silo Exhaust	Isopentane	0.71	2.1
		Styrene	0.04	0.15
		Ethyl Benzene	0.04	0.15
		PM	0.52	2.3
M	Dairy Regrind Silo Exhaust	Isopentane		0.30

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
	0.88	Styrene	0.02	0.07
		Ethyl Benzene	0.02	0.07
		PM	0.22	1.0
N	Pentane Trench Blower	Isopentane	1.0	2.9
		Styrene	0.05	0.02
		Ethyl Benzene	0.05	0.02
O	Pentane Trench Blower	Isopentane	0.08	0.22
P	Thermal Oxidizer - Standby (4)	Isopentane		4.2
	8.8	VOC	0.01	0.05
		PM	<0.01	0.02
		NO _x	0.12	0.03
		SO ₂	<0.01	<0.01
		CO	0.03	<0.01
Q	Virgin Foam Silo Exhaust	PM	0.06	0.02
R	Virgin High Impact Silo Exhaust	PM		0.06
	0.02			
S	Dairy Repel Silo Exhaust	PM	0.19	0.83
T	Dairy Re grind Silo Exhaust	PM		0.19
	0.83			
U	Dairy Repel Silo Exhaust	PM	0.19	0.83
V	Dairy Re grind Silo Exhaust	PM		0.19
	0.83			

(1) Emission point identification - 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.

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

- (3) VOC - volatile organic compounds as defined in General Rule 101.1
- PM - particulate matter
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide

- (4) Thermal oxidizer emissions represent emissions from either the primary or secondary oxidizer. Only one oxidizer may operate at any time.

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

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

Dated_____