

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38105

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
SP-80	Cleaning Oven PK-30182	PM	0.013	0.014
		NO _x	0.027	0.028
		VOC	0.017	0.018
		SO ₂	0.002	0.002
		CO	0.050	0.052
F-SP-1	Fugitives (4)	formaldehyde	0.004	0.017
SP-3	Baghouse MS-640	PM	0.001	0.003
SP-10	Pellet Storage Tank V-1625	PM	0.007	0.014
		formaldehyde	0.001	0.001
		methanol	0.014	0.014
SP-11	Pellet Storage Tank V-1636	PM	0.007	0.014
		formaldehyde	0.001	0.001
		methanol	0.014	0.014
SP-12	Pellet Storage Tank V-1639	PM	0.003	0.008
		formaldehyde	0.002	0.003
		methanol	0.071	0.192
SP-13	Vacuum Jet Vent MJ-130	formaldehyde	0.150	0.627
		methanol	0.012	0.048
SP-16	Gravity Blender MX-644	PM	0.094	0.005
		formaldehyde	0.005	0.001
		methanol	0.298	0.016

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
SP-17	Gravity Blender MX-645	PM	0.094	0.005
		formaldehyde	0.005	0.001
		methanol	0.298	0.016
SP-18	Pellet Storage Tank V-1872(A-F)	PM	0.003	0.012
		formaldehyde	0.002	0.006
		methanol	0.088	0.353
SP-19	Pellet Storage Tank V-1853	PM	0.003	0.008
		formaldehyde	0.002	0.004
		methanol	0.092	0.239
SP-20	P-30762	formaldehyde	0.007	0.030
		methanol	0.001	0.001
SP-22A	Flake Tank V-1871(A-F)	PM	0.123	0.990
		formaldehyde	0.053	0.419
		methanol	0.015	0.117
SP-22B	Flake Tank V-1871(A-F)	PM	0.123	0.990
		formaldehyde	0.053	0.419
		methanol	0.015	0.117
SP-23	Flake Tank V-1629	PM	0.025	0.204
		formaldehyde	0.011	0.087
		methanol	0.004	0.024
SP-26	P-30462	formaldehyde	0.007	0.030
		methanol	0.001	0.001

SP-30	Flake Tank V-1874(A-F)	PM	0.137	1.044
		formaldehyde	0.060	0.441
		methanol	0.017	0.123
SP-31	Flake Feed Hoppers V-1913, V-1915, V-1917, and V-1919	PM	0.504	1.044
		formaldehyde	0.005	0.009
		methanol	0.002	0.003
SP-35	P-30602	formaldehyde	0.007	0.030
		methanol	0.001	0.001
SP-36	Baghouse MS-31442	PM	0.003	0.011
SP-37	Baghouse MS-31452	PM	0.009	0.036
SP-38	C-30366	formaldehyde	0.007	0.026
		methanol	0.001	0.001
SP-39	Rerun Pellet Feeder Tank V-30571	PM	0.001	0.001
		formaldehyde	0.001	0.001
		methanol	0.030	0.003
SP-40	Rerun Pellet Feeder Tank V-1633	PM	0.001	0.001
		formaldehyde	0.002	0.001
		methanol	0.088	0.009
SP-41	Dust Collection System MS-641	PM	0.001	0.002
SP-42	Feeder Dust Collector MS-31702	PM	0.023	0.058
SP-43	Pellet Cyclone MS-31569	PM	0.002	0.004
SP-44	Pellet Cyclone MS-31331	PM	0.002	0.004
SP-45	RR Loading Cyclone MS-30954	PM	0.040	0.002
SP-46	RR Loading Cyclone MS-30776	PM	0.047	0.002
SP-48	Pellet Feed Tank	PM	0.030	0.003

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			lb/hr	TPY
	V-1873(A-F)	formaldehyde	0.001	0.001
		methanol	0.001	0.001
SP-49	Pellet Feed Tank V-1918	PM	0.002	0.001
		formaldehyde	0.001	0.001
		methanol	0.030	0.010
SP-50	Pellet Feed Tank V-30219	PM	0.002	0.001
		formaldehyde	0.001	0.001
		methanol	0.030	0.007
SP-51	Pellet Feed Tank V-1920	PM	0.002	0.001
		formaldehyde	0.001	0.001
		methanol	0.030	0.002
SP-52	Pellet Feed Tank V-30518	PM	0.001	0.001
		formaldehyde	0.001	0.001
		methanol	0.025	0.001
SP-53	Pellet Feed Tank V-1914	PM	0.002	0.001
		formaldehyde	0.001	0.001
		methanol	0.030	0.001
SP-54	Pellet Feed Tank V-30519	PM	0.001	0.001
		formaldehyde	0.001	0.001
		methanol	0.025	0.001
SP-55	Pellet Feed Tank V-1916	PM	0.004	0.001
		formaldehyde	0.001	0.001
		methanol	0.030	0.005
P-56	Pellet Feed Tank V-30465	PM	0.001	0.001
		formaldehyde	0.001	0.001

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		methanol	0.025	0.001
SP-57	Flake Storage Tank V-30393	PM	0.125	0.366
		formaldehyde	0.002	0.003
		methanol	0.001	0.001
SP-58	Flake Storage Tank V-30368	PM	0.160	0.016
		formaldehyde	0.002	0.001
		methanol	0.001	0.001
SP-59	Pellet Feed Tank V-1635	PM	0.005	0.002
		formaldehyde	0.001	0.001
		methanol	0.063	0.016
SP-60	Pellet Feed Tank V-30366	PM	0.005	0.001
		formaldehyde	0.001	0.001
		methanol	0.030	0.001
SP-62	Pellet Receiver MS-31184	PM	0.003	0.008
SP-63	Fines Cyclone V-30388	PM	0.003	0.008
SP-65	Pellet Feed Tank V-30319	PM	0.001	0.001
		formaldehyde	0.001	0.001
		methanol	0.025	0.001
SP-66	Exhaust Blower C-30188	formaldehyde	0.021	0.087
		methanol	0.002	0.005
SP-67	Dust Collection System V-30348	PM	0.001	0.002
SP-68	Scrape Grinder Cyclone MG-30026	PM	0.003	0.009

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
SP-69	Feeder Dust Collector MS-31704	PM	0.001	0.001
SP-70	Feeder Dust Collector MS-31703	PM	0.001	0.001
SP-71	Exhaust Blower C-30191	formaldehyde	0.117	0.510
		methanol	0.009	0.037
SP-73	Pellet Storage Tank V-1852	PM	0.004	0.008
		formaldehyde	0.002	0.004
		methanol	0.092	0.221
SP-75	Pellet Storage Tank V-30349	PM	0.005	0.015
		formaldehyde	0.002	0.005
		methanol	0.098	0.285
SP-82	Hot Oil Heater MS-31095	CalFlo	0.041	0.001
SP-87	Pellet Blender MX-30096	PM	0.059	0.002
		formaldehyde	0.001	0.001
		methanol	0.002	0.001
SP-88	Pellet Blender MX-416	PM	0.030	0.005
		formaldehyde	0.001	0.001
		methanol	0.001	0.001
SP-89	Pellet Blender MX-30097	PM	0.059	0.020
		formaldehyde	0.001	0.001
		methanol	0.002	0.001
SP-90	Pellet Blender MX-414	PM	0.030	0.001
		formaldehyde	0.001	0.001
		methanol	0.001	0.001
SP-91	P-30762	formaldehyde	0.007	0.030

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		methanol	0.001	0.001
SP-92	MS-31875	PM	0.002	0.006
SP-93	MG-30027	PM	0.001	0.001
SP-100	MS-31933	PM	0.001	0.001
SP-101	V-1628	PM	0.030	0.003
		formaldehyde	0.003	0.001
		methanol	0.141	0.012
SP-102	V-30485	PM	0.016	0.040

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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, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - NO_x - total oxides of nitrogen
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
- (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 8,760 Hrs/year

Dated June 3, 2010