EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7727

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
1A/B	PC Cooker Stacks A and B (Oil Mist Eliminators)	$PM/PM_{10}/PM_{2.5}$	1.42	2.54
		VOC	0.08	0.32
2	FCC Cooker	$PM/PM_{10}/PM_{2.5}$	1.88	5.96
		VOC	0.10	0.44
4	TC1 Cooker	$PM/PM_{10}/PM_{2.5}$	0.80	1.93
		VOC	0.13	0.57
11	TC1 Oven #1*	$PM/PM_{10}/PM_{2.5}$	0.04	0.18
		NO_x	0.75	2.38
		CO	2.65	11.61
		SO_2	0.06	0.04
		VOC	0.05	0.14
12	TC1 Oven #2*	$PM/PM_{10}/PM_{2.5}$	0.04	0.18
		NO_x	0.75	2.38
		CO	2.65	11.61
		SO_2	0.06	0.04
		VOC	0.05	0.14
13	TC2 Oven*	$PM/PM_{10}/PM_{2.5}$	0.04	0.18
		NO_x	0.75	2.38
		CO	2.65	11.61
		SO_2	0.06	0.04

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13	TC2 Oven*	VOC	0.05	0.14
14	TC2 Cooker	$PM/PM_{10}/PM_{2.5}$	0.80	1.93
		VOC	0.13	0.57
20A-1, 20A-2, 34	Boiler A Stacks**	$PM/PM_{10}/PM_{2.5}$	1.02	4.47
		NO_x	13.35	39.86
		CO	11.60	50.81
		SO_2	0.15	0.66
		VOC	0.85	3.71
		HCl	0.19	0.85
20-B	Boiler B Stack - Heat Recovery Off	$PM/PM_{10}/PM_{2.5}$	1.02	4.47
		NO_x	13.35	39.86
		CO	11.60	50.81
		SO_2	0.15	0.66
		VOC	0.85	3.71
		HCl	0.19	0.85
20-B (HR)*	Boiler B Stack - Full Heat Recovery Mode* (Includes emissions from ovens at EPNs 11, 12, 13)	$PM/PM_{10}/PM_{2.5}$	0.58	2.57
		NO_x	8.25	26.28
		CO	13.14	57.57
		SO_2	0.24	0.39
		VOC	0.53	2.07
		HCl	0.07	0.33
25	Grain Receiving and Transfer Fugitives	$PM_{10}/PM_{2.5}$	0.14	0.59
26	Grain Cleaner Cyclone	$PM_{10}/PM_{2.5}$	0.55	2.41
27	Propane Storage Tank	VOC	0.01	0.01
28	Propane Storage	VOC	0.01	0.01

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	Tank			

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
* During the full heat recovery mode of operation, all emissions from the ovens are routed to EPN 20-B.
** 20A-1: Boiler heat recovery is off. Boiler A is working independently of the starch dryer (which is authorized under a Permit By Rule).
** 20A-2 and 34: Boiler heat recovery is on. Heat is recovered from boiler A and used as total or partial drying heat for the Starch Dryer. The boiler exhausts through the Starch Dryer Stack (EPN 34) in this mode. The heat exchanger serves to modulate the pressure in the piping to the Starch Dryer (EPN 34) and so emissions may also be partially released at EPN 20A-2 to regulate pressure buildup.

Dated: _____