EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 214A

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)	Emission Rates * lb/hr	TPY
1	Shell Core Machines (4) (Six Each Machines)	PM_{10}	0.02	0.06
		NO_x	0.32	1.00
		SO_2 0.01	0.03	
		CO 0.07	0.22	
		Phenol	0.2	0.61
		Aldehydes	0.06	0.19
		Organic Acid	0.01	0.03
2	Isocure Machines Scrubber Stack (Four Each Machines)	NH_3	0.45	1.40
3B	Melt Furnace No. 2	PM_{10}	0.07	0.22
		NO_x 0.6	1.87	
		SO_2 <0.01	0.03	
		CO 0.13	0.41	
		VOC 0.04	0.12	
3C	Melt Furnace No. 3	PM_{10}	0.35	1.10
		NO_x 0.7	2.15	
		SO_2 <0.01	0.01	
		CO 0.6	1.81	
		VOC 0.04	0.12	
3D	Melt Furnace No. 4 (Electric)	PM	0.65	2.03
3E	Melt Furnace No. 5 (Electric)	PM	0.65	2.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
3F	Melt Furnace No. 6 (Electric)	PM	0.52	1.63
3G	Melt Furnace No. 7	PM_{10}	0.02	0.06
		NO_x 0.4	1.25	
		SO_2 0.01	0.03	
		CO 0.01	0.03	
		VOC 0.04	0.12	
7A	Heat Treat Oven A	PM_{10}	0.02	0.06
		NO_x 0.4	1.25	
		SO_2 0.01	0.03	
		CO 0.01	0.03	
		VOC 0.04	0.12	
7B	Heat Treat Oven B	PM_{10}	0.02	0.06
		NO_x 0.4	1.25	
		SO_2 0.01	0.03	
		CO 0.01	0.03	
		VOC 0.04	0.12	
7C	Heat Treat Oven C	PM_{10}	0.02	0.06
		NO_x 0.4	1.25	
		SO_2 0.01	0.03	
		CO 0.01	0.03	
		VOC 0.04	0.12	
9A	Aging Oven A	PM_{10}	0.01	0.03
		NO_x 0.2	0.62	
		SO_2 0.01	0.03	
		CO 0.01	0.03	
		VOC 0.02	0.06	
9B	Aging Oven B	PM_{10}	0.01	0.03
		NO_x 0.2	0.62	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)		Emission Rates * lb/hr	TPY
		SO_2	0.01	0.03	
		CO	0.01	0.03	
		VOC	0.02	0.06	
9C	Aging Oven C	PM_{10}		0.01	0.03
		NO_x	0.2	0.62	
		SO_2	0.01	0.03	
		CO	0.01	0.03	
		VOC	0.02	0.06	
10A	Sandblasting Bag Filter Vent No. 1	PM_{10}		0.6	1.87
10B	Sandblasting Bag Filter Vent No. 2	PM_{10}		0.6	1.87

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
(3) PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - 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.
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NH_3 - ammonia
(4) Fugitive emissions are an estimate only.

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

24 Hrs/day 5 Days/week 52 Weeks/year or 6,240 Hrs/year

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AIR CONTAMINANTS DATA

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

Dated_____