Emission Sources - Maximum Allowable Emission Rates

Permit Number 6322A

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)
SC-1	Pneumatic Conveyance to Resin Scale Vented Through a Baghouse	PM	0.02	0.07
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
SC-2	Pneumatic Conveyance to Minor Scale A Vented Through a Baghouse	PM	0.01	0.05
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
SC-3	Pneumatic Conveyance to Calcium Scale 3 Vented Through a Baghouse	PM	0.01	0.05
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
SC-4	Pneumatic Conveyance to Minor Scale B Vented Through a Baghouse	PM	0.01	0.05
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
SC-5	Pneumatic Conveyance to TiO2 Scale 5 Vented Through a Baghouse	PM	0.01	0.05
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
SC-6	Pneumatic Conveyance to Reclaim Scale 5 Vented Through a Baghouse	PM	0.01	0.05
		$PM_{2.5}$	<0.01	0.02
		PM_{10}	<0.01	<0.01
SC-7	Product Receiver to Screener Vented Through a Baghouse	PM	0.01	0.05
		$PM_{2.5}$	<0.01	0.02
		PM_{10}	<0.01	<0.01
SCHV-1	Resin Scale 1 Hopper Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-2	Minor A Scale 2	PM	<0.01	<0.01

Project Number: 339933

Emission Sources - Maximum Allowable Emission Rates

		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-3	Calcium Scale 3 Hopper Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-4	Minor B Scale 4 Hopper Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-5	TiO2 Scale 5 Hopper Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-1A	Scale 1 Hopper Vent	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-2A	Scale 2 Hopper Vent	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-2C	Scale 2C Hopper Vent	PM	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
		PM_{10}	<0.01	<0.01
SCHV-3A	Scale 3 Hopper Vent	PM	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
		PM_{10}	<0.01	<0.01
SCHV-4A	Scale 4 Hopper Vent	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SCHV-4D	Scale 4D Hopper Vent	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

SCHV-5A	#5 Scale Hopper Vent Baghouse	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-1	Super Sack Tote Load Bulk Bag Hopper Baghouse	PM	0.01	0.02
		PM_{10}	0.01	<0.01
		$PM_{2.5}$	0.01	<0.01
MBU-2	Bag Break Tote Load Bulk Bag Hopper Baghouse	PM	0.01	0.02
		PM_{10}	0.01	<0.01
		$PM_{2.5}$	0.01	<0.01
MBU-3	TiO2 Bag Hopper Baghouse 2	PM	0.01	0.02
		PM_{10}	0.01	<0.01
		$PM_{2.5}$	0.01	<0.01
MBU-4	TiO2 Bag Hopper Baghouse 1	PM	0.01	0.02
		PM_{10}	0.01	<0.01
		$PM_{2.5}$	0.01	<0.01
MAF-1	Mixer Aspiration Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CMV-1	Mixer Cooler Aspiration Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CMV-2	Mixer Cooler Aspiration Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-3A	TiO_2 Bag Hopper Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-3A1	TiO_2 Bag Hopper Baghouse	PM	<0.01	0.02

Emission Sources - Maximum Allowable Emission Rates

		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-3A2	TiO_2 Bag Hopper Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-4A	TiO_2 Bag Hopper Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-4A1	TiO_2 Bag Hopper Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-4A2	TiO_2 Bag Hopper Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-1A	Minor Bulk Bag Hopper Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MBU-2A	Minor Bulk Bag Hopper Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MAF-1A	Mixer Aspiration Baghouse	PM	<0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CMV-1A	Cooler Aspiration Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CMV-2A	Cooler Aspiration Vent Filter	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

RCU-3	East Unloading Systems Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
TRU-1	Truck Bulk Loadout Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
PRV-1	Pellet #1 Receiver Baghouse	PM	0.02	0.07
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
PRV-2	Pellet #2 Receiver Baghouse	PM	0.02	0.07
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	<0.01
1	Silo No. R1 Vented Through a Baghouse	PM	0.02	0.09
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
1a	Silo No. R2 Vented Though a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
2	Silo No. R3 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
3	Silo No. 3 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
4	Silo No. 4 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
5	Silo No. R4 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03

Emission Sources - Maximum Allowable Emission Rates

		$PM_{2.5}$	<0.01	<0.01
6	Silo No. R5 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
7	Silo No. R6 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
8	Silo No. 7 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
10	Silo No. 9 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
11	Silo No. 8 Vented Through a Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
14	North Rail Loadout Receiver Vented Through a Baghouse	PM	0.04	0.19
		PM_{10}	0.02	0.07
		$PM_{2.5}$	<0.01	0.01
15	South Rail Loadout Receiver Vented Through a Baghouse	PM	0.04	0.19
		PM_{10}	0.02	0.07
		$PM_{2.5}$	<0.01	0.01
17	West Unloading Systems Baghouse	PM	0.02	0.08
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
18	Dust Collector Baghouse	PM	0.03	0.12
		PM_{10}	<0.01	0.04
		$PM_{2.5}$	<0.01	<0.01
SC-1A	Pneumatic Conveyance to PVC	PM	0.02	0.07

Emission Sources - Maximum Allowable Emission Rates

		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
SC-2A	Pneumatic Conveyance to Minor Scale 2A	PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
SC-3A	Pneumatic Conveyance to Calcium Scale 3A	PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
SC-4A	Pneumatic Conveyance to Minor Scale 4A	PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
SC-5A	Pneumatic Conveyance to TiO2 Scale 5A	PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
SC-6A	Pneumatic Conveyance to Reclaim Scale 5	PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
SC-7A		PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
3A	Silo 3A Bin Vent	PM	0.02	0.08
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.01
18A	Dust Collector Baghouse	PM	0.03	0.12
		PM_{10}	0.01	0.04
		$PM_{2.5}$	0.01	0.01
SC-2C	Scale 2C Hopper Vent	PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

SC-4D	Scale 2D Hopper Vent	PM	0.01	0.05
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
CS-1	Hand Add Micro Color	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CSC-1	Color Micro Scale	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MS-1	Micro Hand Add	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MSC-1	Micro Scale	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CS-1A	Line A Color Hand Add	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CSC-1A	Line A Color Scale	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MS-1A	Line A Color Hand Add	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MSC-1A	Line A Micro Scale	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01

(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 - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented

Emission Sources - Maximum Allowable Emission Rates

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

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 9, 2022