EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 36756

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
A010-02	Vinyl Receiver Sock House-Line 1	PM/PM_{10}	0.052	0.23
A010-06	15 M Receiver Sock House-Line 1	PM/PM_{10}	0.043	0.19
A020-01	Tile Base Blender-Line 1 Baghouse Stack	PM/PM_{10}	0.176	0.77
B080-00	Dust Collector	PM/PM_{10}	0.659	2.89
B091-00	Line-1 Baghouse Stack	PM/PM_{10}	0.580	2.54
D010-01	Vinyl Receiver Sock House-Line 3	PM/PM_{10}	0.055	0.24
D020-13	West Dust Collector-Line 3	PM/PM_{10}	0.130	0.57
D020-14	East Dust Collector-Line 3	PM/PM_{10}	0.053	0.23
C170-00	Classifier Baghouse-Line 3	PM/PM_{10}	0.126	0.55
E010-02	Vinyl Receiver Sock House-Line 3A	PM/PM_{10}	0.035	0.15
E170-02	Cyclone/Baghouse-Line 3A	PM/PM_{10}	0.233	1.02
FANRF-01	Tile Case Blender, Banbury Mixer, Skip Bucket - Line 3A	PM/PM_{10}	0.065	0.28

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
FANRF-02	No. 1 Mill Line 3A	PM/PM_{10}	<0.001	<0.01
FANRF-03	Banbury Mixer, Skip Bucket - Line 3	PM/PM_{10}	0.034	0.15
FANRF-04	No. 1 Mill, Scrap Crusher Line 3	PM/PM_{10}	0.016	0.07
FANRF-05	MT Drum Feeder and Heater (D040-03) Line 3	PM/PM_{10}	0.016	0.07
		NO_x	0.120	0.53
		CO	0.050	0.24
		SO_2	0.001	<0.01
		VOC	0.010	0.04
FANRF-06	Mottle Chip Tumbler, Tray Dumper Line 3	PM/PM_{10}	0.020	0.09
FANRF-07	MT Feeder, Heaters (D060-07) Line 3	PM/PM_{10}	0.016	0.07
		NO_x	0.110	0.50
		CO	0.050	0.21
		SO_2	0.001	<0.01
		VOC	0.010	0.04
FANRF-13	Conveyor Heater (A080-03) Line 1	PM/PM_{10}	0.008	0.04
		NO_x	0.070	0.30
		CO	0.030	0.13
		SO_2	<0.001	<0.01
		VOC	0.010	0.02
FANRF-14	Recycle Conveyors	PM/PM_{10}	<0.001	<0.01
FANRF-16	Recycle Conveyors, Heater (A070-11) Line 1	PM/PM_{10}	0.007	0.30
		NO_x	0.580	2.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		CO	0.250	1.08
		SO_2	0.004	0.02
		VOC	0.040	0.20
FANRF-17	Recycle Conveyors, Course Recycle Drum and Grit Feeder	PM/PM_{10}	0.007	0.03
FANRF-19 and FANRF-20	Conveyors Heaters (A060-04 and A060-07) Line 1, Mottle Chip Feeder A060-05	PM/PM_{10}	0.005	0.02
		NO_x	0.040	0.18
		CO	0.020	0.08
		SO_2	0.002	<0.01
		VOC	<0.001	0.02
FANRF-20	Recycle Conveyors	PM/PM_{10}	0.005	0.02
FANRF-21	Recycle Conveyors Heater (A040-04) Line 1	PM/PM_{10}	0.032	0.02
		NO_x	0.110	0.50
		CO	0.050	0.21
		SO_2	0.001	<0.01
		VOC	0.010	0.04
FANRF-23	Banbury Mixer Line 1	PM/PM_{10}	0.023	0.10
FANRF-24	Banbury Mixer and Skip Bucket	PM/PM_{10}	0.009	0.04
FANRF-25	Skip Bucket	PM/PM_{10}	0.002	0.01
FANRF-28	Banbury Mixer, Tile Base Hopper	PM/PM_{10}	0.010	0.04
FANRF-30	Fines Drum Feeder	PM/PM_{10}	<0.001	<0.01
FANRF-32	Seven Sources Line 2	PM/PM_{10}	0.006	0.03
FANRF-33	Conveyor Heaters (J040-05 and J060-03) Line 2	PM/PM_{10}	0.013	0.06
		NO_x	0.060	0.28
		CO	0.020	0.12
		SO_2	0.001	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		VOC	0.004	0.02
FANRF-36	Tile Base Baghouse	PM/PM_{10}	0.230	1.02
FANRF-37	Skip Bucket, Banbury Mixer Line 4	PM/PM_{10}	0.034	0.15
FANRF-38	Power Roof Vent - No. 1 Mill Line 4	PM/PM_{10}	<0.001	<0.01
FANRF-40	Conveyor Heater - Line 4 (G070-17)	PM/PM_{10}	0.070	0.31
		NO_x	0.590	2.57
		CO	0.250	1.10
		SO_2	0.004	0.02
		VOC	0.050	0.20
FANRF-42	Power Roof Vent - Scrap Crusher Line 4	PM/PM_{10}	0.016	0.07
G010-02	Vinyl Receiver Sock House Line 4	PM/PM_{10}	0.055	0.24
G010-06	15 M Receiver Sock House-Line 4	PM/PM_{10}	0.043	0.19
G020-13	Rework/Recycle Baghouse -Line 4	PM/PM_{10}	0.350	1.53
G040-11	Mottle Chip Baghouse - Line 4	PM/PM_{10}	0.047	0.20
G170-00	Classifier Baghouse - Line 4	PM/PM_{10}	0.580	2.54
G046-06	Fines Baghouse - Line 4	PM/PM_{10}	0.047	0.20
H400-00	Rework Baghouse	PM/PM_{10}	0.380	1.67
J010 (J010-2, -4, -6, and -8)	Sock House Line 2	PM/PM_{10}	0.216	0.95

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
J04540 (J045-9 and -4)	Baghouse	PM/PM_{10}	0.074	0.33
R000-5	Silo 24	PM/PM_{10}	0.100	0.23
R017-00	Silo 17 (Line 3)	PM/PM_{10}	0.001	<0.01
R018-00	Silo 18 (Line 3)	PM/PM_{10}	0.072	0.08
R019-00	Silo 19 (Lines 3 and 3A)	PM/PM_{10}	0.001	<0.01
R020-00	Silo 20 (Line 1)	PM/PM_{10}	0.001	<0.01
R021-00	Silo 21 (Line 1)	PM/PM_{10}	0.001	<0.01
R022-00	Silo 22 (Line 1)	PM/PM_{10}	0.001	<0.01
R025-00	Silo 25-15 M (Lines 1 and 4)	PM/PM_{10}	0.055	0.12
R026-00	Silo 26-15 M (Lines 3 and 3A)	PM/PM_{10}	0.001	<0.01
R027-00	Silo 27-GQ 40 (Line 3A)	PM/PM_{10}	0.001	<0.01
R028-00	Silo 28-Limestone Baghouse Line 4	PM/PM_{10}	0.001	<0.01
R029-00	Silo 29 - GQ-40 Baghouse- Line 4	PM/PM_{10}	0.001	<0.01
		Glycol Ether	0.430	1.29
T004-00	Tank 4-Blend Tank	VOC	0.120	0.040
T006-00	Tank 6-Stabilizer Storage	VOC	0.270	0.010
T007-00	Tank 7-Waste Oil Tank	VOC	0.001	<0.01
T010-00	Tank 10-Blend Tank	VOC	0.120	0.040

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
T011-00	Tank 11-Plasticizer Storage	VOC	<0.001	<0.01
T012-00	Tank 12-Stabilizer Storage	VOC	0.270	0.010
T013-00	Tank 13-Plasticizer Storage	VOC	<0.001	<0.01
U035-00	Boiler 350	PM/PM_{10}	0.184	0.80
		NO_x	1.880	4.11
		CO	0.470	2.05
		SO_2	0.010	0.04
		VOC	0.040	0.16
U050-00	Boiler 500	PM/PM_{10}	0.288	1.26
		NO_x	2.940	6.44
		CO	0.740	3.22
		SO_2	0.010	0.06
		VOC	0.060	0.26
VENTR-01	Bulk Unloading Baghouse, Fines Dust Collector, Fomes Baghouse, Tray Dumper Line 3	PM/PM_{10}	0.001	<0.01
VENTR-02 and VENTR-03	Recycle Feeder and Conveyor Heaters Line 3A (E040-03)	PM/PM_{10}	0.014	0.06
		NO_x	0.110	0.50
		CO	0.050	0.21
		SO_2	0.001	<0.01
		VOC	0.010	0.04
VENTR-04 (VENTR 06 and FANRF 09)	No. 1 and No. 2 Cleveland Vibrator, Heaters (D060-09, C090-10, C080-05, C070-17) Line 3	PM/PM_{10}	0.133	0.58
		NO_x	1.110	4.83
		CO	0.460	2.06
		SO_2	0.007	0.16
		VOC	0.140	0.37
VENTP-08	Recycle Conveyor Heater (pipe)	PM/PM_{10}	0.039	0.17

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	(A090-05, A090-06, A090-15) Line 1	NO_x	0.320	1.44
		CO	0.140	0.61
		SO_2	0.002	0.01
		VOC	0.030	0.11
VENTP-09	Recycle Conveyors	PM/PM_{10}	<0.001	<0.01
VENTP-10	Recycle Conveyors	PM/PM_{10}	<0.001	<0.01
VENTP-13	Finishing Mill, Chip Blender, Heaters (J070-05, J080-02, and J090-15) Line 2	PM/PM_{10}	0.030	0.13
		NO_x	0.130	0.55
		CO	0.050	0.25
		SO_2	0.005	0.02
		VOC	0.011	0.04
VENTR-14	Rework Conveyors	PM/PM_{10}	0.003	0.01
VENTR-16A	MT Tray Dumper, Mottle Chip Tumbler - Line 4	PM/PM_{10}	0.001	<0.01
VENTR-16B	MT Tray Dumper, Mottle Chip Tumbler - Line 4	PM/PM_{10}	0.001	<0.01
VENTR-16C	MT Tray Dumper, Mottle Chip Tumbler - Line 4	PM/PM_{10}	0.001	<0.01
VENTP-18a and b	Conveyor Heater - Line 4 (G080-05)	PM/PM_{10}	0.039	0.17
		NO_x	0.330	1.45
		CO	0.140	0.61
		SO_2	0.010	0.04
		VOC	0.030	0.11
VENTP-20	Conveyor Heater - Line 4 (G040-03)	PM/PM_{10}	0.016	0.07
		NO_x	0.120	0.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		CO	0.050	0.23
		SO_2	0.001	<0.01
		VOC	0.010	0.04
VENTP-21	Conveyor Heater - Line 4 (G060-07)	PM/PM_{10}	0.015	0.07
		NO_x	0.130	0.56
		CO	0.050	0.24
		SO_2	0.001	<0.01
		VOC	0.010	0.04
VENTP-22	Conveyor Heater - Line 4 (G060-09)	PM/PM_{10}	0.015	0.07
		NO_x	0.130	0.56
		CO	0.050	0.24
		SO_2	0.001	<0.01
		VOC	0.010	0.04
VENTP-23	Conveyor Heater - Line 4 (G090-10)	PM/PM_{10}	0.007	0.03
		NO_x	0.060	0.25
		CO	0.020	0.11
		SO_2	<0.001	<0.01
		VOC	0.001	0.02
FUG-1	Batch Heating-Line 1 (4)	VOC	2.457	0.42
		Glycol Ether	0.255	1.12
FUG-2	Batch Heating-Line 2 (4)	VOC	0.727	2.04
		Glycol Ether	0.830	0.36
FUG-3	Batch Heating-Line 3 (4)	VOC	2.574	7.30
		Glycol Ether	0.296	1.3
FUG-3A	Batch Heating-Line 3A (4)	VOC	1.131	3.23
		Glycol Ether	0.129	0.57

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
FUG-4	Batch Heating - Line 4 (4)	VOC	2.870	8.61
		Glycol Ether	0.430	1.29

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
FANRF - Roof Vent Fan
VENTR - Roof Vent Pipe
(2) Specific point source name. For fugitive sources use 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
(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 7 Days/week 52 Weeks/year or _____ Hrs/year

Dated_____