

Emission Sources - Maximum Allowable Emission Rates (MAERT)

Permit Number 17847

This table lists the maximum allowable emission rates and all sources of air contaminants 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.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
Pre-Construction of Line 3, RTO, and Dust Collector				
M-401	Can Manufacturing Lines 1 and 2, with Baghouse and RTO (4.8 MMBtu/hr)	VOC (4)	4.20	18.40
		Exempt Solvent	0.01	0.04
		PM (4)	<0.01	0.02
		PM ₁₀ (4)	<0.01	0.02
		PM _{2.5} (4)	<0.01	0.02
		VOC (5)	0.28	0.53
		PM (5)	0.23	0.96
		PM ₁₀ (5)	0.23	0.96
		PM _{2.5} (5)	0.23	0.96
		NO _x	2.93	12.80
		CO	2.46	10.75
		SO ₂	0.02	0.08

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
M-401A	Can Manufacturing Lines 1 and 2, with Baghouse (RTO bypassed)	VOC (4)	134.68	6.78
		Exempt Solvent	0.10	0.01
		PM (4)	<0.01	<0.01
		PM ₁₀ (4)	<0.01	<0.01
		PM _{2.5} (4)	<0.01	<0.01
		VOC (5)	0.23	0.16
		PM (5)	0.19	0.01
		PM ₁₀ (5)	0.19	0.01
		PM _{2.5} (5)	0.19	0.01
		NO _x	2.46	0.13
		CO	2.06	0.11
		SO ₂	0.02	0.01
J1-J15	Can Manufacturing Lines 1 and 2	VOC (6)	17.96	78.67
		Exempt Solvent (6)	0.26	1.14
B-1	Boiler (4.8 MMBtu/hr)	VOC	0.03	0.12
		PM	0.04	0.16
		PM ₁₀	0.04	0.16
		PM _{2.5}	0.04	0.16
		NO _x	0.49	2.14
		CO	0.41	1.80
		SO ₂	<0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
B-2	Boiler (4.8 MMBtu/hr)	VOC	0.03	0.12
		PM	0.04	0.16
		PM ₁₀	0.04	0.16
		PM _{2.5}	0.04	0.16
		NO _x	0.49	2.14
		CO	0.41	1.80
		SO ₂	<0.01	0.01
DRY1	Washer Oven (3.5 MMBtu/hr)	VOC	0.02	0.09
		PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
		NO _x	0.36	1.56
		CO	0.30	1.31
		SO ₂	<0.01	0.01
DRY2	Washer Oven (3.5 MMBtu/hr)	VOC	0.02	0.09
		PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
		NO _x	0.36	1.56
		CO	0.30	1.31
		SO ₂	<0.01	0.01
M-401, M-401A, J1-J15, B-1, B-2, DRY1, and DRY2	Can Manufacturing, Boilers, and Washers	Single HAP		<10.00
		All HAP		<25.00

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
Post Construction and Start of Operation of Line 3, RTO, and Dust Collector				
M-401	Can Manufacturing Lines 1 and 2, with Baghouse and Line 3 with Dust Collector all vented through a RTO (4.0 MMBtu/hr)	VOC (4)	4.97	21.20
		Exempt Solvent	0.01	0.04
		PM (4)	<0.01	0.02
		PM ₁₀ (4)	<0.01	0.02
		PM _{2.5} (4)	<0.01	0.02
		VOC (5)	0.31	0.65
		PM (5)	0.27	1.13
		PM ₁₀ (5)	0.27	1.13
		PM _{2.5} (5)	0.27	1.13
		NO _x	3.18	13.92
		CO	2.89	12.63
		SO ₂	0.03	0.10

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
M-401A	Can Manufacturing Lines 1 and 2, with Baghouse (RTO bypassed)	VOC (4)	134.68	6.78
		Exempt Solvent	0.10	0.01
		PM (4)	<0.01	<0.01
		PM ₁₀ (4)	<0.01	<0.01
		PM _{2.5} (4)	<0.01	<0.01
		VOC (5)	0.23	0.16
		PM (5)	0.19	0.01
		PM ₁₀ (5)	0.19	0.01
		PM _{2.5} (5)	0.19	0.01
		NO _x	2.46	0.13
		CO	2.06	0.11
		SO ₂	0.02	0.01
J1-J15	Can Manufacturing Lines 1 and 2	VOC (6)	17.96	78.67
		Exempt Solvent (6)	0.26	1.14
J16-J20	Can Manufacturing Line 3	VOC (6)	5.98	21.75
		Exempt Solvent (6)	<0.01	0.01
B-1	Boiler 1 (4.8 MMBtu/hr)	VOC	0.03	0.12
		PM	0.04	0.16
		PM ₁₀	0.04	0.16
		PM _{2.5}	0.04	0.16
		NO _x	0.49	2.14
		CO	0.41	1.80
		SO ₂	<0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
B-2	Boiler 2 (4.8 MMBtu/hr)	VOC	0.03	0.12
		PM	0.04	0.16
		PM ₁₀	0.04	0.16
		PM _{2.5}	0.04	0.16
		NO _x	0.49	2.14
		CO	0.41	1.80
		SO ₂	<0.01	0.01
B-3	Boiler 3 with Low- NO _x Burner (3 MMBtu/hr)	VOC	0.02	0.07
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		NO _x	0.15	0.67
		CO	0.26	1.13
		SO ₂	<0.01	0.01
B-4	Boiler 4 with Low- NO _x Burner (3 MMBtu/hr)	VOC	0.02	0.07
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		NO _x	0.15	0.67
		CO	0.26	1.13
		SO ₂	<0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
B-5	Boiler 5 with Low-NO _x Burner (3 MMBtu/hr)	VOC	0.02	0.07
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		NO _x	0.15	0.67
		CO	0.26	1.13
		SO ₂	<0.01	0.01
DRY1	Lines 1 and 2 Washer Oven (3.5 MMBtu/hr)	VOC	0.02	0.09
		PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
		NO _x	0.36	1.56
		CO	0.30	1.31
		SO ₂	<0.01	0.01
DRY2	Lines 1 and 2 Washer Oven (3.5 MMBtu/hr)	VOC	0.02	0.09
		PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
		NO _x	0.36	1.56
		CO	0.30	1.31
		SO ₂	<0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

Emission Point No.	Source Name	Air Contaminant Name (1)	Emission Rates (2)	
			lbs/hour	TPY (3)
W3	Line 3 Washer	Inorganic Compounds	0.01	0.03
DRY3	Line 3 Washer Oven with Low-NO _x Burner (1.5 MMBtu/hr)	VOC	0.01	0.04
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		NO _x	0.08	0.34
		CO	0.13	0.56
		SO ₂	<0.01	<0.01
RINSER	Line 3 Rinser Oven with Low-NO _x Burner (1.7 MMBtu/hr)	VOC	0.01	0.04
		PM	0.01	0.06
		PM ₁₀	0.01	0.06
		PM _{2.5}	0.01	0.06
		NO _x	0.09	0.38
		CO	0.15	0.64
		SO ₂	<0.01	<0.01
All Emission Points	Can Manufacturing, Boilers, and Washers	Single HAP		<10.00
		All HAP		<25.00

- (1) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 Exempt Solvent - Non-VOC as defined in Title 30 Texas Administrative Code § 101.1
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(2) Rates include planned maintenance, startup, and shutdown emissions

Emission Sources - Maximum Allowable Emission Rates

- (3) Rates are for a rolling 12 consecutive months
- (4) Emissions from manufacturing materials
- (5) Emissions from combustion of natural gas
- (6) Fugitive (non-exhausted) emissions

Date: July 17, 2014