

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29304

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	Drum/Dryer Baghouse Stack 2.80	VOC (a)		8.40
		VOC (b)	350.00	35.00
		VOC (c)	67.80	3.39
		NO _x	10.80	3.60
		CO	11.40	3.80
		SO ₂	16.61	5.84
		PM ₁₀	9.17	3.21
2	Material Handling (4)	TSP	6.57	2.19
		PM ₁₀	1.31	0.44
3	Stockpiles (4)	TSP	-.--	1.32
		PM ₁₀	-.--	0.64
		VOC (b)	0.32	0.53
4	Concrete Crusher (4)	TSP	0.01	<0.01
		PM ₁₀	<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) VOC - volatile organic compounds as defined in TNRCC General Rule 101.1

VOC(a) - from standard mix asphalt concrete

VOC(b) - from cold mix asphalt concrete

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VOC(c) - total VOCs from recycled rubber modified asphalt concrete mixes

NO_x - nitrogen oxide

CO - carbon monoxide

SO₂ - sulfur dioxide

PM₁₀ - particulate matter less than 10 microns in diameter

TSP - total suspended particulate matter

(4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facility is limited to the following production rates and operating schedule:

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	<u>tons/hour</u>	<u>tons/year</u>	
Standard hot mix	300	200,000	
Recycled rubber modified mixes (included in the standard hot mix	300	30,000	
annual limit)			hourly and
Cold mix asphalt with 5% AC-3 + 1% MC-30	300	**	
Cold mix asphalt with emulsion	200	**	
Cold mix asphalt with slow cure	175	**	
Cold mix asphalt with rapid cure	140	**	
Cold mix asphalt with medium cure	100	**	
Railcar unloading	200	180,000	
Concrete crusher	200	9,300	

** Total cold mix production as governed by Special Condition No. 21.

10 hours/day 5 days/week 40 weeks/year 2,000 hours/year

Dated _____