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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.

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission R lb/hr	ates *
<u>TPY</u>				
100ABLDG1	Butanol Unit Building 1 Vent Analyzer	VOC	0.27	1.20
100A9379	Butanol Unit V713/714 Outlet Vent Analyzer	VOC	0.04	0.17
100A9380	Butanol Unit V713/714 Outlet Vent Analyzer	VOC	0.04	0.17
100F	Fugitives (4)	VOC	8.99	36.23
100V23	Tank 23	VOC	0.04	<0.01
100V30	Tank 30	VOC	5.55	0.65
100V34	Tank 34	VOC	5.55	0.65
100V35	Tank 35	VOC	5.55	0.65
100V917	Tank 917	VOC	0.01	<0.01
251AV37	Tank 37	VOC	0.25	0.45
251AV119	Tank 119	VOC	0.28	0.012

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)lb/hr	Emission TPY	Rates *
251AV866	Tank 866	VOC	0.30	0.79
251AV994	Tank 994	VOC	0.11	0.22
251AV995	Tank 995	VOC	0.11	0.22
251DM1205	Shipping Flare (5) (6)	VOC NO _x SO ₂ CO	44.43 2.28 <0.10 19.60	16.29 7.40 <0.10 63.45
251DM2224	Barge Incinerator (6)	VOC NO_x SO_2 CO PM	0.82 5.00 <0.01 0.40 <0.01	0.14 8.78 <0.01 0.88 <0.01
251DBL	Barge Area	VOC	<0.01	<0.01
251DTC	Railcar Area (7)	VOC	29.60	2.13
251DTC	Railcar Area	VOC	0.32	0.01
251DTCF	RR Area Fugitives (4)	VOC	0.52	1.20
251DTL	Truck Area (7)	VOC	9.65	1.51
251DTL	Truck Area	VOC	0.32	0.01
301M150	Cooling Tower (4)	VOC	0.10	0.43
303M1239	Ethylene Flare (8)	VOC NO _x SO ₂ CO	0.47 0.03 <0.01 0.17	1.98 0.14 <0.01 0.76

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)1b/hr	Emission Rates * TPY
304M24	Reformer	VOC NO_x SO_2 CO PM	0.17 0.73 16.74 73.33 0.072 0.31 4.78 20.95 0.60 2.62
304M375	Reformer	VOC NO_x SO_2 CO PM	0.29 1.26 28.75 125.94 0.12 0.54 8.22 35.98 1.03 4.50
304M490	Reformer	VOC NO_x SO_2 CO PM	0.60 2.65 60.50 264.98 0.26 1.14 17.28 75.71 2.16 9.46
304V206	Tank 206	MEA	<0.01 <0.01
AREA 7	API Separators (9)	VOC	3.36 14.70
AREA 7	Wastewater Treatment Plant (10)	VOC	1.13 1.59
308M2309	Sludge Dryer (10)	VOC NO_x SO_2 CO PM	0.04 0.04 1.77 2.25 0.01 0.01 0.44 0.56 0.17 0.22

(1)	Emiss	sion point	ide	entification	on –	either	spe	specific	
	equipment plan.	designation	or	emission	point	number	from	plot	

- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC volatile organic compounds as defined in General Rule 101.1
 - NO_x total oxides of nitrogen
 - SO₂ sulfur dioxide
 - CO carbon monoxide
 - PM particulate matter
 - MEA monoethanolamine
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) Railcar loading and cleaning operations do not occur simultaneously.
 - (6) These emissions represent the total emissions from the vapor combustion system.
 - (7) These interim limits allow the use of stingers to determine liquid level when loading product into railcars or truck tanks. The use of stingers shall be discontinued not later than January 1, 1996. Acetate ester products shall not be loaded into railcars or truck tanks that use stingers.
 - (8) Flare emissions attributable to this facility. (Refer to Permit No. 2447 for total emission rate.)
 - (9) Emissions prior to completion of wastewater treatment project.
- (10) Emissions after completion of wastewater treatment project.

				based erating				facil	ities	are	limited	by	the
24	_Hrs/c	day	7 D	ays/wee	ek	52	Weeks	/year	or	H	lrs/year		

	Dated ₋	