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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	Source Ai	r Contaminant	<u>Emission</u>	Rates
* Point No. (1)	Name (2)	Name (3)1b/hr	-	TPY
CARBON MONOXIDE UN	<u>IT</u>			
51MH5A	Heater MH-5A	PM VOC NO _X SO ₂ CO	0.34 0.41 10.74 0.30 2.40	1.34 1.60 41.98 1.19 9.36
51MJ9	Start-up Eductor MJ-009	PM VOC NO _X SO ₂ CO	0.02 0.36	<0.01 <0.01 0.08 <0.01 0.02
51MJ138	Start-up Eductor MJ-138	PM VOC NO _X SO ₂ CO	0.02 0.36	<0.01 <0.01 0.08 <0.01 0.02
51MJ139	Start-up Eductor MJ-139	VOC NO _X SO ₂ CO	0.02 0.36	<0.01 <0.01 0.08 <0.01 0.02
51MN157	Flare MN-157	VOC NO _x	13.01 60.04	0.65 5.20

Emission	Source	Air Contaminant	Emission	Emission Rates *	
Point No. (1)	Name (2)	Name (3)lb/hr	TPY	_	
		SO_2	9.58	1.15	
		CO	514.75	29.42	

Emission		Air Contaminant		n Rates *
Point No. (1)	Name (2)	Name (3)lb/hr	TPY	
51COFUG	Fugitives (4)	VOC SO₂ CO CFC-12 NH₃	8.45 2.78 16.28 6.96 <0.01	37.01 12.16 71.30 30.50 0.01
ACETIC ACID UNIT				
49T149ST	HAc Storage Tank Scrubber T-149	НАС	1.72	1.54
49V578ST	HAc Scavenger Tank	НАс	0.23	<0.01
49V598ST	Personnel Exposure Control Device	VOC Iodide	0.02 <0.01	0.07 <0.01
49V601ST	Process Area Scavenge 0.02	er Tank	VOC	0.57
49V604ST	Steam Condensate Tank	vOC	<0.01	<0.01
49V1049ST	HAc Storage Tank	VOC	0.46	0.09
49V1195ST	Methyl Acetate IFR Storage Tank	MeAc MeOH	0.31 0.06	0.81 0.13
49MN138ST	Acetic Acid Unit Flar	re VOC NO _X CO	34.06 4.50 177.94	10.57 2.96 149.26
49MN294ST	HAc Loading Thermal C)xidizer	VOC	0.65
		NO _x CO	0.44 10.64	1.31 38.30
49HACLDFUG	HAc Loading Fugitives	5 (4)	VOC	8.13

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Emission	Source	e Air Contaminant		Emission Rates *	
Point No. (1)	Name (2)	Name (3)lb/hr	TPY		
49HACFUG	HAc Unit Equipment	VOC	4.18	18.40	
	Fugitives (4 and 5)) CO	0.51	2.23	
	-	LiI	0.04	0.18	
		KI	<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 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 General Rule 101.1
 - NO_x total oxides of nitrogen
 - SO₂ sulfur dioxide CO - carbon monoxide
 - HAc acetic acid
 - CFC-12 Freon (dichlorodifluoromethane)
 - NH₃ ammonia
 - MeAc methyl acetate
 - MeOH methanol
 - LiI lithium iodide
 KI potassium iodide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Fugitive emissions from Standard Exemption Registration No. 34410 for the Acetaldehyde Removal Unit have been incorporated into Emission Point No. 49HACFUG.
 - * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day	Days/week	Weeks/year	or Hrs/year_	8,760

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Dated	