Permit No. 5252

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	Air Contaminant	<u>Emission</u>	Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
201/219	Superheater HS-201/219	NO _x SO ₂ PM CO VOC	37.97 0.19 0.06 11.09 1.28	199.31 0.84 0.25 48.56 5.62
1301	Boiler HB-1301-P	NO_{x} SO_{2} PM CO VOC	15.10 0.12 0.43 10.78 1.16	66.10 0.52 1.89 47.21 5.10
301-A	Boiler HB-301-A	NO _x SO₂ PM CO VOC	32.65 0.12 0.69 0.08 0.21	143.00 0.54 3.04 0.35 0.91
301-B	Boiler HB-301-B	NO _x SO ₂ PM CO VOC	38.70 0.12 0.36 0.08 1.18	169.70 0.54 1.56 0.36 5.18
301-S	Boiler HB-301-S	NO_{x} SO_{2} PM	49.90 0.12 0.40	205.00 0.54 1.75

Emission *	Source	Air Contaminant	<u>Emission</u>	Rates
<u> </u>	Name (2)	Name (3)	lb/hr	<u>TPY</u>
		CO VOC	1.06 1.11	4.60 4.85
1301	Alternate Boiler HB-1301-P (5)	NO_{\times} SO_{2} PM CO VOC	17.83 0.14 0.51 11.89 1.38	- - - -
301-A	Alternate Boiler HB-301-A (5)	NO_{x} SO_{2} PM CO VOC	34.76 0.13 0.74 0.09 0.22	- - - -
301-B	Alternate Boiler HB-301-B (5)	NO_{x} SO_{2} PM CO VOC	40.20 0.13 0.38 0.08 1.22	- - - -
301-S	Alternate Boiler HB-301-S (5)	NO _x SO ₂ PM CO VOC	53.14 0.14 0.45 1.20 1.26	- - - -
101	Feed Preheater Heater HS-101	NO_x SO_2 PM CO VOC	7.80 0.07 0.39 0.17 0.10	34.17 0.31 1.71 0.75 0.44
102	Clay Treater Decon. Heater HS-102	NO_{\times} SO_{2}	2.31 0.02	10.24 0.08

${\tt EMISSION} \ \ {\tt SOURCES} \ \ {\tt -} \ \ {\tt MAXIMUM} \ \ {\tt ALLOWABLE} \ \ {\tt EMISSION} \ \ {\tt RATES}$

Emission *	Source	Air Contaminant	<u>Emissio</u>	n Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		PM CO VOC	0.39 1.74 0.08	1.71 7.63 0.35
601	TDA Reactor Feed Heater HS-601	NO _x SO₂ PM CO VOC	1.30 0.01 0.19 0.01 0.02	5.68 0.03 0.83 0.04 0.09
109	EB Recovery Col. Reboiler HS-109	NO_x SO_2 PM CO VOC	10.95 0.06 0.39 0.24 0.05	47.95 0.26 1.71 1.04 0.22
108	Benzene Rec. Col. Reboiler HS-108	NO _x SO₂ PM CO VOC	17.14 0.11 0.36 6.96 0.72	75.07 0.47 1.58 30.48 3.15
CTOTANK (new name)	Catalytic Thermal Oxidizer	NO _x CO Total VOC Styrene Toluene Benzene Ethylbenzene Cumene Xylene Non-HAP VOC	0.32 2.75 4.08 0.47 1.34 1.33 0.89 0.00 0.02	0.74 6.37 0.69 0.19 0.08 0.24 0.16 0.00 0.00

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Emission *	Source	Air Contaminant	<u>Emission</u>	Rates
Point No. (1)	Name (2)	Name (3)	1b/hr	TPY_
CTOVENT (new name)	Catalytic Thermal Oxidizer	NO _x CO Total VOC Benzene Toluene Ethylbenzene Cumene Xylene Styrene Non-HAP VOC	0.49 4.20 12.32 7.85 0.55 2.42 0.02 0.06 1.27 0.13	0.74 6.33 1.47 0.92 0.16 0.29 0.00 0.00 0.11 0.00
213	Ethylene Glycol Tank Tank MS-213-M	Ethylene Glycol	<0.01	<0.01
308	Flux Oil Tank MT-308	VOC	<0.01	<0.01
FUG-BZ	Benzene Fugitives (4) Styrene Ethylbenzene Toluene Benzene	0.07 0.11 0.11 0.43	0.31 0.47 0.47 1.87
FUG-VOC	VOC Fugitives (4)	Styrene Ethylbenzene Toluene Benzene	0.69 0.59 0.59 0.10	3.01 2.58 2.58 0.43
LR-1	Loading Rack (4)	Ethylbenzene	4.32	<0.01
CT-1	Cooling Tower-1 (4)	VOC	2.52	6.03
CT-2	Cooling Tower-2 (4)	VOC	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emissio</u>	n Rates
<u> </u>	Name (2)	Name (3)	lb/hr	TPY
FL	Flare	NO _x SO ₂ CO VOC, other	5.53 0.07 39.95 0.06	0.31 <0.01 2.25 1.10
	N₂ Purge	Benzene	7.35	0.09
GY-347	Precoat	РМ	<0.01	<0.01
SWS	Storm Water Sump	Styrene Ethylbenzene Toluene Benzene	<0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01
115	Emergency Generator	NO_{x} SO_{2} PM CO VOC	12.26 0.60 0.86 2.64 1.19	0.16 0.01 0.01 0.03 0.02
802A	Firewater Pump	NO_{x} SO_{2} PM CO VOC	12.26 0.60 0.86 2.64 1.19	0.16 0.01 0.01 0.03 0.02
802S	Firewater Pump	NO_{x} SO_{2} PM CO VOC	12.26 0.60 0.86 2.64 1.19	0.16 0.01 0.01 0.03 0.02

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission	Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
805	Firewater Pump	NO_{x} SO_{2} PM CO VOC	12.26 0.60 0.86 2.64 1.19	0.16 0.01 0.01 0.03 0.02
designation (2) Specific or fugitive (3) SO ₂ PM CO VOC 101.1 N ₂ Non-HAP VOC (4) consi (5) These boile	or emission point nuic point source name source name. NO _x - sulfur dioxide - particulate matte - carbon monoxide - volatile organic - nitrogen - non-hazardous air Fugitive emissions a dered as a maximum a Alternate allowable emission rates are	. For fugitive sour - total oxi r compounds as defined	ces use are des of nitro d in Genera and should e. r these so hen one of	a name ogen Rule not be ources. these
	es are based on an wing maximum operati	d the facilities arng schedule:	e limited k	oy the

Hrs/day_____Days/week_____Weeks/year____ or Hrs/year_8,760

Emission	Source	Air Contaminant	<u>Emission</u>	Rates
*				
—				-
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Dated	
Dacca	