EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20619

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
BP-T-W-80	Bleach High Density Stock Tank	VOC	0.03	0.09
BP-T-C-80	Bleach High Density Stock Tank	VOC	0.03	0.09
BP-T-E-80	Bleached High Density Stock Tank	VOC	0.03	0.09
P-LD-TANK	P Low Density Stock Storage Tank	VOC	0.03	0.09
BIG-BERTHA	250-Ton High Density Stock Tank	VOC	0.86	1.60
H-LD-TANK	H Low Density Stock Storage Tank	VOC	0.03	0.09
21PD-VV-01	21 PD Vacuum Vent No. 1	VOC	0.50	0.93
21PD-VV-02	21 PD Vacuum Vent No. 2	VOC	0.50	0.93
22PD-VV-01	22 PD Vacuum Vent No. 1	VOC	0.37	0.93
22PD-VV-02	22 PD Vacuum Vent No. 2	VOC	0.37	0.93
22PD-VV-03	22 PD Vacuum Vent No. 3	VOC	0.37	0.93
22PD-VV-04	22 PD Vacuum Vent No. 4	VOC	0.37	0.93
22EXHV-01	22 PD Bldg Exhaust For 23 VV	VOC	0.50	0.93
22PD-DV-01	22 PD Dryer Vent No. 1	VOC	0.43	1.90
22PD-DV-02	22 PD Dryer Vent No. 2	VOC	0.43	1.90
22PD-DV-03	22 PD Dryer Vent No. 3	VOC	0.43	1.90

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AIR CONTAMINANTS DATA

Emission Point No. (1) *	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	Emission Rates TPY
22PD-DV-04	22 PD Dryer Vent No. 4	VOC	0.43	1.90
22PD-DV-05	22 PD Dryer Vent No. 5	VOC	0.43	1.90
24PM-DUO-1**	24 PM Duoformer Fan No. 1	VOC	1.94	6.32
24PM-DUO-2**	24 PM Duoformer Fan No. 2	VOC	1.94	6.32
24PM-DV-01**	24 PM Dryer Vent No. 1	VOC	2.17	7.07
24PM-DV-02**	24 PM Dryer Vent No. 2	VOC	2.17	7.07
24PM-DV-03**	24 PM Dryer Vent No. 3	VOC	2.17	7.07
24PM-DV-04**	24 PM Dryer Vent No. 4	VOC	2.17	7.07
24PM-DV-05**	24 PM Dryer Vent No. 5	VOC	2.17	7.07
24PM-DV-06**	24 PM Dryer Vent No. 6	VOC	2.17	7.07
24PM-N-VP**	24 PM North Set Vacuum Pump	VOC	1.94	6.32
24PM-NF-EF**	24PM North Fourdrinier Exh.	VOC	1.94	6.32
24PM-S-VP**	24PM South Set Vacuum Pump	VOC	1.94	6.32
24PM-SF-EF**	24PM South Fourdrinier Exh.	VOC	1.94	6.32
24PMOMCDV1**	24 PM OMC Vent No. 1	VOC	3.57	9.12
		CO	0.10	0.44
		NO_x	0.15	0.66
		PM	0.04	0.18
		SO_2	0.003	0.013
		NH_3	2.74	7.23

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)		Emission Rates * lb/hr	TPY
24PMOMCDV2**	24 PM OMC Vent No. 2		VOC	3.59	9.19
		CO	0.74	3.24	
		NO_x	0.88	3.85	
		PM	0.07	0.31	
		SO_2	0.01	0.02	
		NH_3	2.75	7.27	
24PMOMCDV3**	24 PM OMC Vent No. 3		VOC	3.59	9.19
		CO	0.74	3.24	
		NO_x	0.88	3.85	
		PM	0.07	0.31	
		SO_2	0.01	0.02	
		NH_3	2.75	7.27	
24PMOMCDV4**	24 PM OMC Vent No. 4		VOC	3.59	9.19
		CO	0.74	3.24	
		NO_x	0.88	3.85	
		PM	0.07	0.31	
		SO_2	0.01	0.02	
		NH_3	2.75	7.27	
24PMOMCDV5**	24 PM OMC Vent No. 5		VOC	3.57	9.12
		CO	0.10	0.44	
		NO_x	0.15	0.66	
		PM	0.04	0.18	
		SO_2	0.003	0.013	
		NH_3	2.74	7.23	
24PMOMCDV6**	24 PM OMC Vent No. 6		VOC	3.59	9.19
		CO	0.74	3.24	
		NO_x	0.88	3.85	
		PM	0.07	0.31	
		SO_2	0.01	0.02	
		NH_3	2.75	7.27	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
24PMOMCDV7***	24 PM OMC Vent No. 7	VOC	3.59	9.19
		CO 0.74	3.24	
		NO_x 0.88	3.85	
		PM 0.07	0.31	
		SO_2 0.01	0.02	
		NH_3 2.75	7.27	
24PMOMCDV8***	24 PM OMC Vent No. 8	VOC	3.59	9.19
		CO 0.74	3.24	
		NO_x 0.88	3.85	
		PM 0.07	0.31	
		SO_2 0.01	0.02	
		NH_3 2.75	7.27	
DRYFELTCL**	Dryer Felt Cleaning	VOC	109.77	1.32
WIREACIDCL**	Wire Acid Cleaning	VOC	14.06	0.25
PMCLEANING**	Paper Machine Cleaning	VOC	80.36	3.50
OMCCLEAN**	OMC Cleaning	VOC	3.87	0.09
DIESEL-E***	East Diesel Tank	VOC	0.05	0.001
DIESEL-W***	West Diesel Tank	VOC	0.05	0.001
GASOLINE-E***	East Gasoline Tank	VOC	10.06	0.76
GASOLINE-W***	West Gasoline Tank	VOC	10.06	0.76
NH4OH-TK***	Aqueous Ammonia Tank	NH_3	1.03	0.01
EWWTK***	East White Water Accum. Tank	VOC	0.001	0.0003
WWWTK***	West White Water Accum. Tank	VOC	0.001	0.0003

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1) *	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
24BLENDTK**	24 Blend Tank	VOC	0.005	0.001
24BRKE-CTD**	24 Coated Broke Tank	VOC	0.02	0.002
24HWDLVLTK***	24 HWD Leveling Tank	VOC	0.003	0.001
24SAVEALL**	24 Saveall Tank	VOC	0.009	0.002
24BRKE-UNC**	24 Uncoated Broke Tank	VOC	0.02	0.002
OLD-GWD-TK**	Groundwood/Broke Storage Tank	VOC	0.03	0.01
BROKE12**	Broke Storage Tank 12	VOC	0.01	0.001
BROKE13**	Broke Storage Tank 13	VOC	0.01	0.001
BROKE14**	Broke Storage Tank 14	VOC	0.01	0.001
BROKE15**	Broke Storage Tank 15	VOC	0.01	0.001
BROKE16**	Broke Storage Tank 16	VOC	0.01	0.001
BROKE17**	Broke Storage Tank 17	VOC	0.01	0.001
BROKE18**	Broke Storage Tank 18	VOC	0.01	0.001
BROKE25**	Broke Storage Tank 25	VOC	0.01	0.001
BROKE28**	Broke Storage Tank 28	VOC	0.01	0.001
KEYDIME**	Keydime Storage Tank	VOC	1.24	0.04
INSOL-TK**	Insolubilizer Tank	VOC	0.06	0.0003

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
LATEX-TK1***	Latex Storage Tank No. 1	VOC	8.47	0.80
LATEX-TK2***	Latex Storage Tank No. 2	VOC	3.30	0.21
PLASTICPIG***	Plastic Pigment Storage Tank	VOC	1.66	0.18
		NH_3	0.08	0.01
BFW-AMINE**	Boiler Feed Water Amine Storage Tank	VOC	0.45	0.0003
STAR-SILO1**	Starch Silo No. 1	PM_{10}	0.12	0.05
STAR-SILO2**	Starach Silo No. 2	PM_{10}	0.12	0.05
DEAERATOR**	Deaerator	VOC	0.16	0.72
TINOPALTK2**	Tinopal Storage Tank	VOC	0.002	0.0001
LITTLEBLUE***	Little Blue Diesel Engine	VOC	0.20	0.08
		CO	0.54	0.22
		NO_x	2.51	1.00
		PM_{10}	0.18	0.07
		SO_2	0.17	0.07
BIGRED***	Big Red Diesel Engine	VOC	0.51	0.21
		CO	1.36	0.55
		NO_x	6.32	2.53
		PM_{10}	0.45	0.18
		SO_2	0.42	0.17
FWPUMP***	Fire Water Pump Diesel Engine	VOC	0.96	0.38
		CO	2.54	1.02
		NO_x	11.78	4.71
		PM_{10}	0.84	0.33

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		SO_2	0.78	0.31
PROPANETK***	Propane Tank	VOC	0.01	0.01
24PM-BI-01***	Speedsizer Biocide Tank	VOC	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 Title 30 Texas Administrative Code § 101.1
CO - carbon monoxide
NO_x - total oxides of nitrogen
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.
SO_2 - sulfur dioxide
NH_3 - ammonia
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Daily average throughput of 1,390 air-dried metric tons bleached pulp per day (ADMTBP/D) and an annual 12-month calendar average of 1,200 ADMTBP/D. The usage rates of other raw materials and chemicals shall not exceed the limits in the confidential file.

** Previously grandfathered.

*** Previously authorized under permit by rule.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

Dated August 11, 2003