

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 33167

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
V-102	Chip Wash Water Collection Tank	VOC	0.09	0.4
V-103	Chip Washer No. 1	VOC	0.02	0.1
V-104	Chip Washer No. 2	VOC	0.02	0.1
V-105	Chip Drainer No. 1	VOC	0.02	0.1
V-106	Chip Drainer No. 2	VOC	0.02	0.1
V-107	Junk Thickener	VOC	<0.01	<0.1
V-108	Chip Surge Bin No. 1	VOC	<0.01	<0.1
V-109	Chip Surge Bin No. 2	VOC	<0.01	<0.1
V-111	VOC Scrubber Stack	VOC	2.13	9.4
V-112	Turpentine Storage Tank	VOC	0.01	<0.1
V-115	Interstage Dilution Chest No. 1 0.5	VOC		0.11
V-116	Interstage Dilution Chest No. 2 0.5	VOC		0.11
V-117	Secondary Overfeed Chest	VOC	0.01	<0.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

V-118	Interstage Wash Pressate Chest 2.9	VOC	0.66
V-120	Latency Chest No. 1	VOC	0.19
V-121	Latency Chest No. 2	VOC	0.19

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
V-122	Second Stage Primary Feed Chest	VOC	0.43	1.9
V-123	Decker No. 1	VOC	1.85	8.1
V-124	Decker No. 2	VOC	1.85	8.1
V-125	Decker Filtrate Chest	VOC	3.52	15.4
V-126	Machine Chest Storage No. 1 0.4	VOC	0.08	
V-127	Machine Chest Storage No. 2 0.4	VOC	0.08	
V-128	Secondary Screen Feed Chest 1.6	VOC	0.37	
V-129	Rejects Press Feed Chest	VOC	0.32	1.4
V-130	Rejects Cleaner Supply Tank 2.8	VOC	0.64	
V-201	No. 1 P.M. Blend Chest	VOC	0.01	0.1
V-204	No. 1 P.M. Broke Chest	VOC	0.01	0.1
V-210	No. 1 P.M. Exhaust Hood No. 1 5.0	VOC	1.14	

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V-211	No. 1 P.M. Exhaust Hood No. 2 5.0	VOC	1.14
V-212	No. 1 P.M. Exhaust Hood No. 3 5.0	VOC	1.14
V-213	No. 1 P.M. Exhaust Hood No. 4 5.0	VOC	1.14
V-218	No. 1 P.M. Cooling Tower VOC	0.1	0.4
V-219	No. 2 P.M. Blend Chest VOC	0.01	0.1
V-222	No. 2 P.M. Broke Chest VOC	0.01	0.1
V-228	No. 2 P.M. Exhaust Hood No. 1 5.0	VOC	1.14

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
V-229	No. 2 P.M. Exhaust Hood No. 2 5.0	VOC	1.14	
V-230	No. 2 P.M. Exhaust Hood No. 3 5.0	VOC	1.14	
V-231	No. 2 P.M. Exhaust Hood No. 4 5.0	VOC	1.14	
V-236	No. 2 P.M. Cooling Tower VOC	0.1	0.4	
V-237	Process Cooling Tower VOC	0.09	0.4	
V-301	O.N.P. Pulpers VOC	0.15	0.7	
V-302, 303, 304, 305	O.N.P. Floatation Cells VOC			

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	0.73	3.2		
V-306	O.N.P. Decker Washer	VOC	0.12	0.5
V-307	O.N.P. Twin Wire Press	VOC	0.17	0.7
F-1	Log and Chip Handling (4)	TSP		0.14
	0.6	PM ₁₀	0.07	0.3
F-2	Debarking Drum (4)	TSP	0.78	3.4
		PM ₁₀	0.23	1.0
F-3	Chipper (4)	TSP	0.02	<0.1
		PM ₁₀	<0.01	<0.1
F-4	Fines Cyclone No. 1	TSP	0.03	0.1
		PM ₁₀	0.01	<0.1
F-5	Fines Cyclone No. 2	TSP	0.03	0.1
		PM ₁₀	0.01	<0.1
F-5	Rechipper Cyclone	TSP	0.03	0.1
		PM ₁₀	0.01	<0.1
SB1 and SB2	North and South Boiler (5)	TSP		2.5
	10.95	PM ₁₀	2.5	10.95
		SO ₂	0.15	0.66
		NO _x	15.0	65.70
		CO	19.0	84.00
		VOC	2.0	8.76

- (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 General Rule 101.1.
TSP - total suspended particulate matter including PM₁₀
PM₁₀ - particulate matter less than 10 microns in diameter.
SO₂ - sulfur dioxide
NO_x - nitrogen oxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) The emission rates associated with the North and South Boilers are combined emission rates for the two boilers. The sum of the emission rates from the two Boilers (EPNs SB1 and SB2) may not exceed the pound

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per hour or ton per year emission rates that appear in the MAERT.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year 1,400

Tons/day paper production and 511,000 Tons/year paper production

Dated _____