

Emission Sources - Maximum Allowable Emission Rates

Permit Number 19014

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
EPN-1	Reactor Absorber 1 and Reactor Absorber 2	Acetone	7.49	7.68
EPN-2	Serum Absorber (AB-1GT)	Acetone	2.11	-
EPN-2A	Serum Absorber (AB-1GT2)	Acetone	2.11	-
EPN-2 and 2A	Annual Cap	Acetone	-	13.41
EPN-3	Dryer Vent 1	Acetone	1.58	-
		PM	0.01	< 0.01
		PM ₁₀	0.01	< 0.01
		PM _{2.5}	0.01	< 0.01
EPN-3A	Dryer Vent 2	Acetone	1.58	-
		PM	0.01	< 0.01
		PM ₁₀	0.01	< 0.01
		PM _{2.5}	0.01	< 0.01
EPN-3 and EPN-3A	Annual Cap	Acetone	-	10.30
EPN-4	Storage Tank Absorber	Acetone	3.72	3.60
EPN-5	Dissolving Tank Absorber (AB-1DT)	Acetone	0.17	-
EPN-5A	Dissolving Tank Absorber (AB-1DT2)	Acetone	0.17	-
EPN-5 and EPN-5A	Annual Cap	Acetone	-	0.34
EPN-6	Steam Ejector 1	Acetone	0.03	-
EPN-6A	Steam Ejector 2	Acetone	0.03	-
EPN-6 and EPN6A	Annual Cap	Acetone	-	0.18
EPN-8	Process Fugitives (5)	Acetone	3.93	17.16
EPN-10	Area Source No. 1	Acetone	4.62	20.26
EPN-11	Area Source No. 2	Acetone	1.23	-

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EPN-11A	Area Source No. 4	Acetone	1.23	-
EPN-11 and EPN-11A	Dryer Building Annual Cap	Acetone	-	7.57
EPN-12	Area Source No. 3	Acetone	0.45	1.97
EPN-13	Inclined Sheet Cooler Vent	Acetone	0.01	0.01
EPN-13A	Centrifugal Dryer Vent	Acetone	0.38	1.46
EPN-14	Intermediate Sheet Cooler Vent	Acetone	0.01	0.01
EPN-16	EP Dry Feed System Vent	PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
EPN-17	Spent Catalyst Loading to Drums	PM	0.02	-
		PM ₁₀	0.02	-
		PM _{2.5}	0.02	-
EPN-17A	Spent Catalyst Loading to Drums	PM	0.02	-
		PM ₁₀	0.02	-
		PM _{2.5}	0.02	-
EPN-17 and EPN-17A	Spent Catalyst Loading Annual Cap	PM	-	0.02
		PM ₁₀	-	0.02
		PM _{2.5}	-	0.02

- (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) Acetone
 - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- PM
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented.
- PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented.
- PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: August 17, 2023