Emission Sources - Maximum Allowable Emission Rates

Permit Number 18153

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)
EV-204	Recovered Pellet Bin Vent	PM	0.04	<0.01
		VOC	1.60	(8)
EV-270[1]	Pellet Line Lot Blender (6)	PM	0.07	(7)
		PM_{10}	0.07	(7)
		VOC	1.60	(8)
EV-270[2]	Pellet Line Lot Blender (6)	PM	0.07	(7)
		PM_{10}	0.07	(7)
		VOC	1.60	(8)
EV-270[3]	Pellet Off-Spec Bin (6)	PM	0.07	(7)
		PM_{10}	0.07	(7)
		VOC	1.60	(8)
EV-270 (7)	Annual PM for Pellet Line Lot Blenders and Pellet Off-Spec Bin	PM		0.25
		PM_{10}		0.25
EV-271	Carlot Silo Blender	PM	0.36	1.40
		VOC	1.60	(8)
EV-272	Additive Hopper Vent Filter	PM	0.02	0.01
		PM_{10}	0.01	0.01
EV-273	Pellet Dryer Exhaust	VOC	1.60	(8)
T7-OG (8)	Train 7 Off-Gas	VOC		6.00

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EV-274	Main Cooling Tower	VOC	2.52	2.21
		PM	1.20	5.26
		PM_{10}	1.20	5.26
		$PM_{2.5}$	1.20	5.26
EV-277a	Train 7 Master Batch Scale Hopper Discharger	VOC	<0.01	<0.01
EV-277b	Train 7 Additive Gravity Feeder	VOC	<0.01	<0.01
EV-277c	Train 7 Pellet Surge Hopper Vent	VOC	0.01	0.08
EV-276-BP7	Train 7 Fluff Handling Collection System Bypass	VOC	1.10	0.24
		PM	0.18	0.04
		PM_{10}	0.09	<0.01
ES-276	Monument II Enclosed VCU	VOC	0.09	0.38
		NO_x	0.02	0.10
		CO	0.01	0.06
		SO_2	<0.01	<0.01
		PM	0.57	0.33
		PM_{10}	0.09	0.15
		$PM_{2.5}$	0.01	0.06
F-2[7]	Process Fugitives (5)	VOC	0.58	2.53
FUG-VRS	Process Fugitives (5)	VOC	0.11	0.50
MSS-TR7	Train 7 MSS	VOC	14.52	0.02

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(1) Emission point identification - either specific equipment designation or emission point number (EPN) from a plot plan.
(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including PM2.5, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
(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.
(6) The VOC emission rates shown for each of the three emission points represents the total maximum emission rate from all three emission points.
(7) EPN EV-270 provides the cumulative annual PM and cumulative annual PM_{10} emission limit for EPNs EV-270[1], EV-270[2], and EV-270[3].
(8) EPN T7-OG provides the cumulative annual VOC emission limit for EPNs EV-270[1], EV-270[2], and EV-270[3], EV-204, EV-271, and EV-273.

Date: December 11, 2013