Emission Sources - Maximum Allowable Emission Rates

Permit Number 25157

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* (5)	
			lbs/hour	TPY
1	HEPA Filter Stack	PM_{10} (4)	0.000006	< 0.000002
		$PM_{2.5}$ (4)	0.000006	< 0.000002
		CO	1.87	3.40
		SO_2	1.60	2.91

(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) PM_{10} - particulate matter (PM) 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.
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
SO_2 - sulfur dioxide
(4) May be either a combination of any of the following or up to 100 percent of any of the following: aluminum, antimony, bismuth, boron, calcium, cerium, chrome, cobalt, copper, gallium, hafnium, indium, iron, lanthanum, magnesium, manganese, molybdenum, neodymium, nickel, niobium, palladium, phosphorous, praseodymium, rhenium, ruthenium, silicon, silver, strontium, tantalum, tin, titanium, tungsten, vanadium, yttrium, zinc, or zirconium with traces (1 percent) of sulphur and/or carbon.
(5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

Hrs/day 16 Days/week 7 Weeks/year 52 or Hrs/year 5,824

Wire/Powder Usage: Maximum of 80.0 pounds per hour and 291,200 pounds per year.

Spray wire or powder may contain any of the substances at (4) above. The wire or powder may be a 100 percent of any one named substance or a combination of the named substances and may be sprayed as parent metal or the oxide, carbide, or nitride of the parent metal.

Date: May 29, 2014