

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number HAP14

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<br>Point No. (1)    | Source<br>Name (2)  | Air Contaminant<br>Name (3) | Emission Rates * |           |
|------------------------------|---|-----------------------------|------------------|-----------|
|                              |   |                             | lb/hr            | TPY**     |
| NORMAL OPERATIONS            |   |                             |                  |           |
| LMS3                         | Unit 3 Pulverized Coal Boiler<br>8,000-MMBtu/hr<br>Nominal 800-MW Gross | CO                          | 960 (6)          | 4,205     |
|                              |   | PM (filterable)             |                  | 420 (5)   |
|                              |   | HF                          |                  | 17.5 (5)  |
|                              |   | HCl                         |                  | 81.7      |
|                              |   | Hg                          |                  | 0.053 (5) |
| AUX                          | Auxiliary Boiler<br>155-MMBtu/hr  | CO                          |                  | 2.7 (5)   |
|                              |   | PM (filterable)             |                  | 0.15 (5)  |
| PLANNED STARTUP AND SHUTDOWN |   |                             |                  |           |
| LMS3                         | Unit 3 Pulverized Coal Boiler<br>8,000-MMBtu/hr<br>Nominal 800-MW Gross | CO                          | 4,480            |           |
|                              |   |                             |                  |           |
|                              |   |                             |                  |           |

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3)
  - CO - carbon monoxide
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - HCl - hydrogen chloride
  - HF - hydrogen fluoride
  - Hg - mercury
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emission rates reflect the case-by-case maximum achievable control technology determination for the issuance of Permit Number HAP14.
- (6) Compliance with hourly emission limit for CO is based on a rolling 30-day average.

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- \* 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

- \*\* Compliance with annual emission limits is based on a rolling 12-month period.