

Environmental Protection Agency

Pt. 63, Subpt. LL, App. A

TABLE 1 TO SUBPART LL OF PART 63—POTLINE TF LIMITS FOR EMISSION AVERAGING

| Type | Monthly TF limit (1b/ton) [for given number of potlines] | | | | | | |
|-------------|---|---------|---------|---------|---------|---------|---------|
| | 2 lines | 3 lines | 4 lines | 5 lines | 6 lines | 7 lines | 8 lines |
| CWPB1 | 1.7 | 1.6 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 |
| CWPB2 | 2.9 | 2.8 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 |
| CWPB3 | 2.3 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 |
| VSS1 | 2 | 1.9 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 |
| VSS2 | 2.6 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 |
| HSS | 2.5 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 |
| SWPB | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 |

TABLE 2 TO SUBPART LL OF PART 63—POTLINE POM LIMITS FOR EMISSION AVERAGING

| Type | Quarterly POM limit (lb/ton) [for given number of potlines] | | | | | | |
|------------|--|---------|---------|---------|---------|---------|---------|
| | 2 lines | 3 lines | 4 lines | 5 lines | 6 lines | 7 lines | 8 lines |
| HSS | 4.1 | 3.8 | 3.7 | 3.5 | 3.5 | 3.4 | 3.3 |
| VSS1 | 2.1 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 |
| VSS2 | 5.0 | 4.7 | 4.5 | 4.4 | 4.3 | 4.2 | 4.1 |

[62 FR 52407, Oct. 7, 1997, as amended at 70 FR 66285, Nov. 2, 2005]

TABLE 3 TO SUBPART LL OF PART 63—ANODE BAKE FURNACE LIMITS FOR EMISSION AVERAGING

| Number of furnaces | Emission limit (lb/ton of anode) | |
|--------------------|----------------------------------|------|
| | TF | POM |
| 2 | 0.11 | 0.17 |
| 3 | 0.090 | 0.17 |
| 4 | 0.077 | 0.17 |
| 5 | 0.070 | 0.17 |

APPENDIX A TO SUBPART LL OF PART 63—APPLICABILITY OF GENERAL PROVISIONS
[40 CFR part 63, subpart A]

| General provisions citation | Requirement | Applies to subpart LL | Comment |
|---|--|---|---|
| 63.1(c)(2) | | No | All are major sources. |
| 63.2 Definition of "reconstruction" | | No | Subpart LL defines "reconstruction." |
| 63.6(c)(1) | Compliance date for existing sources | No | Subpart LL specifies compliance date for existing sources. |
| 63.6(h) | Opacity/VE standards | Only in § 63.845 .. | Opacity standards applicable only when incorporating the NSPS requirements under § 63.845. |
| 63.7(a)(2)(ii) and (iii) | Performance testing requirements | No | Subpart LL specifies performance test dates. |
| 63.8(c)(4)–(c)(8) | CMS operation and maintenance | No | Subpart LL does not require COMS/CMS or CMS performance specifications. |
| 63.8(d) | Quality control | No | Subpart LL does not require CMS or CMS performance evaluation. |
| 63.8(e) | Performance evaluation for CMS | No | § 63.850(a)(9) includes requirement for startup of an existing affected source that has been shut down. |
| 63.9(b)(1)–(5) | Initial notifications | Yes, except as noted in "comment" column. | |
| 63.9(e) | Notification of performance test .. | No | Subpart LL specifies notification of performance tests. |
| 63.9(f) | Notification of VE or opacity test .. | Only in § 63.845 .. | Notification is required only when incorporating the NSPS requirements under § 63.845. |

[40 CFR part 63, subpart A]

| General provisions citation | Requirement | Applies to subpart LL | Comment |
|-----------------------------|------------------------------------|-----------------------|---|
| 63.9(g) | Additional CMS notification | No | |
| 63.10(d)(2) | Performance test reports | No | Subpart LL specifies performance test reporting. |
| 63.10(d)(3) | Reporting VE/opacity observations. | Only in § 63.845 .. | Reporting is required only when incorporating the NSPS requirements under § 63.845. |
| 63.10(e)(2) | Reporting performance evaluations. | No | Subpart LL does not require performance evaluation for CMS. |
| 63.11(a)-(b) | Control device requirements | No | Flares not applicable. |

[62 FR 52407, Oct. 7, 1997, as amended at 70 FR 66285, Nov. 2, 2005]

Subpart MM—National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfitic, and Stand-Alone Semichemical Pulp Mills

SOURCE: 66 FR 3193, Jan. 12, 2001, unless otherwise noted.

§ 63.860 Applicability and designation of affected source.

(a) The requirements of this subpart apply to the owner or operator of each kraft, soda, sulfite, or stand-alone semichemical pulp mill that is a major source of hazardous air pollutants (HAP) emissions as defined in § 63.2.

(b) *Affected sources.* The requirements of this subpart apply to each new or existing affected source listed in paragraphs (b)(1) through (7) of this section:

- (1) Each existing chemical recovery system (as defined in § 63.861) located at a kraft or soda pulp mill.
- (2) Each new nondirect contact evaporator (NDCE) recovery furnace and associated smelt dissolving tank(s) located at a kraft or soda pulp mill.
- (3) Each new direct contact evaporator (DCE) recovery furnace system (as defined in § 63.861) and associated smelt dissolving tank(s) located at a kraft or soda pulp mill.
- (4) Each new lime kiln located at a kraft or soda pulp mill.
- (5) Each new or existing sulfite combustion unit located at a sulfite pulp mill, except such existing units at Weyerhaeuser Paper Company's Cos-

mopolis, Washington facility (Emission Unit no. AP-10).

(6) Each new or existing semichemical combustion unit located at a stand-alone semichemical pulp mill.

(7) The requirements of the alternative standard in § 63.862(d) apply to the hog fuel dryer at Weyerhaeuser Paper Company's Cosmopolis, Washington facility (Emission Unit no. HD-14).

(c) The requirements of the General Provisions in subpart A of this part that apply to the owner or operator subject to the requirements of this subpart are identified in Table 1 to this subpart.

[66 FR 3193, Jan. 12, 2001, as amended at 68 FR 7713, Feb. 18, 2003]

§ 63.861 Definitions.

All terms used in this subpart are defined in the Clean Air Act, in subpart A of this part, or in this section. For the purposes of this subpart, if the same term is defined in subpart A or any other subpart of this part and in this section, it must have the meaning given in this section.

Bag leak detection system means an instrument that is capable of monitoring PM loadings in the exhaust of a fabric filter in order to detect bag failures. A bag leak detection system includes, but is not limited to, an instrument that operates on triboelectric, light scattering, light transmittance, or other principle to monitor relative PM loadings.

Black liquor means spent cooking liquor that has been separated from the pulp produced by the kraft, soda, or semichemical pulping process.

Black liquor gasification means the thermochemical conversion of black