

**Environmental Protection Agency**

**§ 63.860**

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.
63.9(g) .....	Additional CMS notification .....	No .....	Subpart LL specifies performance test reporting.
63.10(d)(2) .....	Performance test reports .....	No .....	
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, Sulfite, and Stand-Alone Semicheical 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 semicheical 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 ex-

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

## § 63.861

## 40 CFR Ch. I (7–1–12 Edition)

(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 liquor into a combustible gaseous product.

*Black liquor oxidation (BLO) system* means the vessels used to oxidize the black liquor, with air or oxygen, and the associated storage tank(s).

*Black liquor solids (BLS)* means the dry weight of the solids in the black liquor that enters the recovery furnace or semichemical combustion unit.

*Black liquor solids firing rate* means the rate at which black liquor solids are fed to the recovery furnace or the semichemical combustion unit.

*Chemical recovery combustion source* means any source in the chemical recovery area of a kraft, soda, sulfite or stand-alone semichemical pulp mill that is an NDCE recovery furnace, a DCE recovery furnace system, a smelt dissolving tank, a lime kiln, a sulfite combustion unit, or a semichemical combustion unit.

*Chemical recovery system* means all existing DCE and NDCE recovery furnaces, smelt dissolving tanks, and lime kilns at a kraft or soda pulp mill. Each existing recovery furnace, smelt dissolving tank, or lime kiln is considered a process unit within a chemical recovery system.

*Direct contact evaporator (DCE) recovery furnace* means a kraft or soda recovery furnace equipped with a direct contact evaporator that concentrates strong black liquor by direct contact between the hot recovery furnace exhaust gases and the strong black liquor.

*Direct contact evaporator (DCE) recovery furnace system* means a direct contact evaporator recovery furnace and any black liquor oxidation system, if present, at the pulp mill.

*Dry electrostatic precipitator (ESP) system* means an electrostatic precipitator with a dry bottom (*i.e.*, no black liquor, water, or other fluid is used in the ESP bottom) and a dry particulate matter return system (*i.e.*, no black liquor, water, or other fluid is used to transport the collected PM to the mix tank).

*Fabric filter* means an air pollution control device used to capture PM by filtering a gas stream through filter media; also known as a baghouse.

*Hazardous air pollutants (HAP) metals* means the sum of all emissions of antimony, arsenic, beryllium, cadmium, chromium, cobalt, lead, manganese, mercury, nickel, and selenium as measured by EPA Method 29 (40 CFR part 60, appendix A) and with all nondetect data treated as one-half of the method detection limit.

*Hog fuel dryer* means the equipment that combusts fine particles of wood waste (hog fuel) in a fluidized bed and directs the heated exhaust stream to a rotary dryer containing wet hog fuel to be dried prior to combustion in the hog fuel boiler at Weyerhaeuser Paper