

scarfing operations. Provided, however, that the hot scarfing machine existing on January 1, 1987 and operated by the LTV Steel Company, Inc., at its Chicago Works, which employs wet scrubbers, may emit particulate matter in amounts not exceeding 138 mg/dscm (0.06 gr/dscf) during hot scarfing operations so long as emissions do not exceed 23 mg/dscm (0.01 gr/dscf) as an hourly average, as measured per hour.

(Source: Amended in R84-48 at 11 Ill. Reg. 691, effective December 18, 1986)

Section 212.452 Measurement Methods

Particulate matter emissions from emission sources subject to Sections 212.441 through 212.451 shall be determined in accordance with procedures published in 40 CFR 60, Appendix A, Methods 1-5, front one-half of the sampling train. 42 Fed. Reg. 41754, et seq. (August 18, 1977). Visible emission evaluation for determining compliance shall be conducted in accordance with procedures published in 40 CFR 60, Appendix A, Method 9. 42 Fed. Reg. 41754, et seq. (August 18, 1977).

(Source: Amended at 3 Ill. Reg. 184, effective September 28, 1979)

Section 212.455 Highlines on Steel Mills

Section 212.308 shall not apply to highlines at steel mills.

(Source: Amended at 3 Ill. Reg. 100, effective October 26, 1979)

Section 212.456 Certain Small Foundries

Sections 212.321 and 212.322 shall not apply to foundry cupolas if all the following conditions are met:

- a) The cupola was in existence prior to April 15, 1967; and
- b) The cupola process weight rate is less than or equal to 20,000 lb/hr; and,
- c) The cupola as of April 14, 1972, either:
 - 1) Is in compliance with subsection (c)(3); or,
 - 2) Is in compliance with the terms and conditions of a variance granted by the Board, and construction has commenced on equipment or modifications sufficient to achieve compliance with subsection (c)(3).
 - 3) Allowable emissions from small foundries covered by Section 212.456:

Allowable Process Weight Rate Pounds Per Hour	Emission Rate Pounds Per Hour
1,000	3.05
2,000	4.70
3,000	6.35
4,000	8.00
5,000	9.58
6,000	11.30
7,000	12.90
8,000	14.30
9,000	15.50
10,000	16.65
12,000	18.70
16,000	21.60
18,000	23.40
20,000	25.10

(Board Note: For process weight rates not listed, straight line interpolation between two consecutive process weight rates shall be used to determine allowable emission rates.)

(Source: Amended at 3 Ill. Reg. 184, effective September 28, 1979)

Section 212.457 Certain Small Iron-Melting Air Furnaces

Section 212.322 shall not apply to iron-melting air furnaces if all the following conditions are met:

- a) The air furnace was in existence prior to April 15, 1967, and is located in Waukegan, Vermilion County, Illinois; and,
- b) The air furnace process weight rate is less than or equal to 5,000 lb/hr; and,
- c) The air furnace as of November 23, 1977, either:
 - 1) Is in compliance with subsection (c)(3); or
 - 2) Is in compliance with the terms and conditions of a variance granted by the Board; and construction has commenced on equipment or modifications sufficient to achieve compliance with subsection (c)(3).
 - 3) Allowable emissions from small iron-melting air furnaces covered by Section 212.457:

Allowable Process Weight Rate Pounds Per Hour	Emission Rate Pounds Per Hour
1,000	6.10
2,000	9.40
3,000	12.70
4,000	16.00
5,000	19.16