records, size of the tap hole drill bit used for each cast and the length of the tap hole for each previous cast.

D) Calculations. Mass Emission Rate (lbs/hr): The mass emission rate (lbs/hr) for each test run shall consist of the sum of the mass emissions as determined per each sample area. Should the sample time duration be greater than one hour, the ratio calculated for one hour divided by the sample time duration (hours) shall be multiplied by the sum of the mass emissions to obtain the pounds per hour rate.

b) Provided, however, that subsection (a) above shall not apply at the option of the operator if the operator has installed and is operating and maintaining collection equipment designed to collect a minimum of fifty percent (50%) of particulate matter emissions from the tap hole, the trough to the skimmers and the iron spouts. Such emissions shall be evacuated to pollution control equipment. Emissions from said pollution control equipment shall not exceed 46 mg/dscm (0.02 gr/dscf).

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

Section 212.446 Basic Oxygen Furnaces

Emissions of particulate matter from basic oxygen processes shall be controlled as follows:

a) Charging, Refining and Tapping. Particulate matter emissions from all basic oxygen furnaces (BOF) shall be collected and ducted to pollution control equipment. Emissions from basic oxygen furnace operations during the entire cycle (operations from the beginning of the charging process through the end of the tapping process) shall not exceed the allowable emission rate specified by Section 212.321 for new emission sources or Section 212.322 for existing emission sources, whichever is applicable. For purposes of computing the process weight rate for this subsection, nongaseous material charged to the furnace and process oxygen shall be included. No material shall be included more than once.

b) Hot Metal Transfer, Hot Metal Desulfurization and Ladle Lancing:

1) Particulate matter emissions from hot metal transfers to a mixer or ladle, hot metal desulfurization operations and ladle lancing shall be collected and ducted to pollution control equipment, and emissions from the pollution control equipment shall not exceed 69 mg/dscm (0.03 gr/dscf).

2) Provided, however, that if the owner or operator can establish that the total particulate matter emissions from hot metal transfers, hot metal desulfurization operations and ladle lancing operations combined do not exceed the allowable emissions as specified by Section 212.321 for new emission sources or Section 212.322 for existing emission sources, whichever is applicable, where the process weight rate (P) is the hot metal charged to the BOF vessel, then subsection (b)(1) above shall not apply.

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

Section 212.447 Hot Metal Desulfurization Not Located in the BOF

The particulate matter emissions from hot metal desulfurization shall be collected and ducted to pollution control equipment, and emissions from the pollution control equipment shall not exceed 69 mg/dscm (0.03 gr/dscf).

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

Section 212.448 Electric Arc Furnaces

The total particulate emissions from meltdown and refining, charging, tapping, slagging, electrode port leakage and ladle lancing shall not exceed the allowable emission rate specified by Section 212.321 or 212.322, whichever is applicable.

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

Section 212.449 Argon-Oxygen Decarburization Vessels

The total particulate emissions from all charging, refining, alloy addition and tapping operations shall not exceed the allowable emission rate specified by Section 212.321 for new emission sources or Section 212.322 for existing emission sources, whichever is applicable.

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

Section 212.450 Liquid Steel Charging

Particulate matter emissions from liquid steel charging in continuous casting operations shall be controlled by chemical or mechanical shrouds or methods of comparable effectiveness.

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

Section 212.451 Hot Scarfing Machines

All hot scarfing machines shall be controlled by pollution control equipment. Emissions from said pollution control equipment shall not exceed 69 mg/dscm (0.03 gr/dscf) during hot