

NOTE

This document contains the Connecticut regulations for the abatement of air pollution with the recently adopted revisions to the regulations that became effective April 15, 2014. This document was prepared by the State of Connecticut Department of Environmental Protection and is provided for the convenience of the reader. This is not the official version of the regulations. The official regulations are published by the State of Connecticut, Judicial Branch, Commission on Official Legal Publications in the Connecticut Law Journal. Official legal publications may be obtained from the Commission on Official Legal Publications, 111 Phoenix Ave Enfield, CT 06082 (telephone: (860) 741-3027, or www.jud.state.ct.us/colp/ColpDefault.htm). In the event there is an inconsistency between this document and the regulations as published in the Connecticut Law Journal, the Connecticut Law Journal will serve as the official version.

Sec. 22a-174-19. Control of sulfur compound emissions.

(a) **Reserved.**

(b) Sulfuric acid plants.

No person shall cause or permit sulfur compound, expressed as sulfur dioxide, emissions which exceed 6.5 pounds per ton (3.25 kg/ metric ton) of one hundred percent (100%) acid produced.

(c) Sulfur recovery plants.

No person shall cause or permit the emission of sulfur compounds, expressed as sulfur dioxide, from a sulfur recovery plant to exceed 0.01 pounds (kg) per pound (kg) of sulfur processed.

(d) Nonferrous smelters.

No person shall cause or permit the emission of sulfur compounds, expressed as sulfur dioxide, from primary non-ferrous smelters to exceed that set forth according to the following equations.

Copper smelters: $Y = 0.2 X$

Zinc smelters: $Y = 0.564 X 0.85$

Lead smelters: $Y = 0.98 X 0.77$

Where X is the total sulfur fed to the smelter in lb/hr and Y is the allowable sulfur dioxide emissions in lb/hr.

(e) Sulfite pulp mills.

No person shall cause or permit the total sulfite pulp mill emissions of sulfur compounds, expressed as sulfur dioxide, from blow pits, washer vents, storage tanks, digester relief, recovery system, etc., to exceed 9.0 pounds per air-dried ton (4.5 kg/metric ton) of pulp produced.

(f) Other process sources.

Notwithstanding the provisions of section 22a-174-18(f) of the Regulations of Connecticut State Agencies, process sources not covered in subsections (b) through (e) of this section shall not emit sulfur compounds, expressed as sulfur dioxide, in the stack effluent in concentrations that exceed 500 parts per million at standard temperature and pressure.