

(b) Award any necessary contracts within 9 months after February 1, 1984.

(c) Where physical alteration of the source is necessary to achieve compliance, commence construction within 12 months after February 1, 1984 and complete construction on or before November 9, 1985.

(d) Where only fuel modification or switching is necessary to achieve compliance, commence operation using new fuel on or before August 9, 1985.

(e) Achieve final compliance with the applicable emission limitations in sub. (1) and so certify to the department on or before November 9, 1985.

(4) For purposes of determining compliance with the emission limitations of subs. (1) and (2), the owner or operator of a source described in sub. (1) or (2) shall outline the specific methods for demonstrating compliance with the emission limitations to the satisfaction of the department in the compliance plans submitted under sub. (3) (a). The compliance demonstrations shall include, but not be limited to, the following requirements:

(a) Any facility which has solid fossil fuel fired or spent sulfite liquor fired steam generating boilers with a combined rated heat input capacity of greater than 500 million BTU per hour shall install, calibrate, maintain and operate a continuous emission monitor, utilizing equipment and procedures reviewed and approved by the department.

(b) Any facility which has solid fossil fuel fired steam generating boilers with a combined rated heat input capacity of less than 500 million BTU per hour shall collect and analyze a daily, as-fired sample of fuel used, utilizing equipment and procedures reviewed and approved by the department.

(c) Any facility which has liquid fossil fuel fired steam generating boilers shall collect and analyze a daily, as-fired sample of fuel used, utilizing equipment and procedures reviewed and approved by the department.

(d) Emissions from all other sources shall be determined by annual stack emissions testing or by such other appropriate methods reviewed and approved by the department.

(e) Quarterly reports in duplicate shall be submitted to the department's Lake Michigan District Headquarters, P.O. Box 10448, Green Bay, Wisconsin 54307-0448. The quarterly reports shall include, but not be limited to, excess emission reports for facilities with continuous emission monitors, amounts of fuel used, and fuel sampling and analysis reports for compliance under pars. (b) and (c).

(f) Each facility shall maintain complete records of emissions data and calculations used to verify emissions data at their premises and shall make such records available for inspection upon request by authorized representatives of the department during regular business hours.

(5) For purposes of determining the applicability of the boiler sizes and source capacities outlined in subs. (1) and (4), the capacity of a source

and the size of a boiler of a described source shall be determined as of May 31, 1983.

History: Renum. from NR 154.12 (7) and am. Register, September, 1986, No. 369, eff. 10-1-86.

**NR 418.06 Peshtigo RACT sulfur limitations.** (1) No person may cause, allow or permit sulfur dioxide to be emitted to the ambient air within the corporate boundary of the city of Peshtigo, Marinette county, from any pulp, paper, or pulp and paper mill on which construction or modification was last commenced prior to October 1, 1984 in amounts greater than:

(a) From any liquid fossil fuel and natural gas fired steam generating boiler,

1. 0.626 pounds per million BTU heat input if any liquid fossil fuel and natural gas fired steam generating boiler at the mill emits from a point 54 feet above ground, or

2. 2.301 pounds per million BTU heat input if all liquid fossil fuel and natural gas fired steam generating boilers at the mill emit from a point between 160 and 232 feet above ground, or

3. 2.930 pounds per million BTU heat input if all liquid fossil fuel and natural gas fired steam generating boilers at the mill emit from a point 232 feet or more above ground.

(b) From any liquid fossil fuel, natural gas and wood refuse fired steam generating boiler,

1. 0.626 pounds per million BTU heat input if any liquid fossil fuel and natural gas fired steam generating boiler at the mill emits from a point 54 feet above ground, or

2. 0.522 pounds per million BTU heat input if all liquid fossil fuel and natural gas fired steam generating boilers at the mill emit from a point between 160 and 232 feet above ground, or

3. 2.930 pounds per million BTU heat input if all liquid fossil fuel and natural gas fired steam generating boilers at the mill emit from a point 232 feet or more above ground.

(c) From any spent sulfite liquor incinerator and evaporation plant emitting from a point 197 feet or more above ground, 1,682.00 pounds per hour and 35,184.00 pounds in any 24 hours.

(d) From all pulp digesters emitting from a point 100 feet or more above ground, 300.00 pounds in any 3 hours and 1,365.00 pounds in any 24 hours.

(e) From any air contact evaporator emitting from a point 35 feet or more above ground, 33.02 pounds per hour and 686.88 pounds in any 24 hours.

(f) From any acid plant emitting from a point 99 feet or more above ground, 0.543 pounds per hour.

(g) From all other sources, a total of 6.82 pounds per hour.

(2) When a source is subject to sub. (1), the owner or operator shall meet the following deadlines in achieving compliance with the emission limitations of sub. (1):

(a) Achieve compliance with sub. (1) (a), (b), (c), (e) and (f) by October 1, 1984 and so certify to the department before November 1, 1984.

(b) Submit plans for achieving compliance with the emission limitations of sub. (1) (d) before April 1, 1985.

(c) Award contracts for physical alterations necessary to achieve compliance with sub. (1) (d) before May 1, 1985.

(d) Commence construction necessary to achieve compliance with sub. (1) (d) before August 1, 1985.

(e) Complete construction necessary to achieve compliance with sub. (1) (d) before November 1, 1986.

(f) Achieve compliance with the emission limitations of sub. (1) (d) and so certify to the department before November 20, 1986.

(3) The owner or operator of a source subject to sub. (1) shall prepare and maintain a compliance demonstration plan to assure continuous compliance with the emission limitations of sub. (1).

(a) The plan shall be in writing, updated as needed, and shall include but need not be limited to:

1. The name of the individual responsible for compliance demonstration activities at the source.

2. A description of the stacks, vents, raw materials, fuels and other items or parameters which will be tested, monitored, sampled, analyzed or measured to determine that the source is in compliance with sub. (1).

3. A description of the testing methods, monitoring techniques, sampling and analysis methods and measurements which will be used, including the types of equipment to be used and the frequency of testing, monitoring, sampling, analysis or measurement.

4. A description of the records which will be created and maintained, their retention time, and the periodic reports which will be submitted to the department to demonstrate that the emission limitations of sub. (1) are being met.

5. A procedure for detecting and reporting upsets, malfunctions and other events which may result in the violation of an emission limitation or which may affect the quantity or quality of compliance demonstration data.

6. Other relevant information reasonably needed to demonstrate continuous compliance with the emission limitations of sub. (1).

(b) The plan shall be filed with the department before November 1, 1984. Subsequent revisions to the plan shall be filed within 10 days of their completion.

(c) The department may order any owner or operator of a source subject to sub. (1) to submit the plan required by this subsection for review and approval. The department may amend the plan if deemed necessary

to assure that continuous compliance is adequately demonstrated and to recognize changes in the economic or technological feasibility of different compliance demonstration methods.

(d) No owner or operator may fail to carry out the plan required under this subsection or as amended by the department under par. (c).

(e) Nothing in this subsection precludes the department from exercising its authority to require reporting or recordkeeping in addition to that required by this subsection or exempts the owner or operator of a source subject to sub. (1) from any other requirements relating to proof of compliance.

(4) No owner or operator of a source subject to sub. (1) may cause, allow or permit sulfur dioxide to be emitted from emission points lower than those which existed at the source on December 1, 1983, unless written permission has been granted by the department.

History: Renum. from NR 154.12 (8) and am. Register, September, 1986, No. 369, eff. 10-1-86.

**NR 418.07 Rhinelander RACT sulfur limitations.** (1) No person may cause, allow or permit sulfur dioxide to be emitted to the ambient air within the corporate boundary of the city of Rhinelander, Oneida county, from any direct stationary source on which construction or modification was last commenced prior to April 1, 1985 in amounts greater than those specified in this subsection.

(a) At any paper mill, pulp mill, or yeast plant or any combination of these sources:

1. From any fossil fuel fired steam generating stoker boiler, a maximum of 2.96 pounds per million BTU heat input and an annual average of 1.77 pounds per million BTU heat input.

2. From any fossil fuel fired steam generating cyclone boiler, a maximum of 6.44 pounds per million BTU heat input and an annual average of 4.51 pounds per million BTU heat input.

3. From any surface condenser, 0.40 pounds per hour and 7.92 pounds in any 24 hours.

4. From any yeast dryer, 4.20 pounds per hour and 88.1 pounds in any 24 hours.

5. From any liquor dryer, 2.10 pounds per hour and 44.9 pounds in any 24 hours.

(b) At any yeast plant, pulp and paper mill; yeast plant and pulp mill; pulp and paper mill; pulp mill; or paper mill:

1. From any Jensen-Rock tower and tail gas scrubber with a common emission point, 18.5 pounds per hour.

2. From any blow pit vent and pad tank vent with a common emission point, 52.1 pounds per hour.

3. From all pulp digesters, a total of 875 pounds in any 3 hours and 2,650 pounds in any 24 hours.

4. From any sulfur dioxide steam stripper, 18.5 pounds per hour.