

(d) Commercial coffee roasters within an area identified in 18 AAC 50.015(b)(3) shall install a pollution control device, such as a catalytic oxidizer or thermal oxidizer, on any unit that emits 24 pounds or more of particulate matter in a 12-month period. The pollution control device must be appropriate to the unit and approved by the department. The device must be installed not later than one year from January 8, 2020, or before commencing operations, whichever is later. The department may waive the requirements of this subsection if the facility provides information demonstrating that the control technology is technically or economically infeasible. (Eff. 1/8/2020, Register 233)

**Authority.** AS 46.03.020 AS 46.14.020 Sec. 30, ch. 74, SLA 1993  
AS 46.14.010 AS 46.14.030

**18 AAC 50.079. Provisions for coal-fired heating devices.** (a) This section applies to a person who

(1) owns or operates a coal-fired heating device in an area identified in 18 AAC 50.015(b)(3), if the coal-fired device

(A) is installed before January 12, 2018; and

(B) is not otherwise exempted in this section; or

(2) intends to supply, sell, lease, distribute, convey, or install a coal-fired heating device for operation in an area identified in 18 AAC 50.015(b)(3).

(b) A person may not install or reinstall a coal-fired heating device and may not supply, sell, lease, distribute, or convey a coal-fired heating device for operation in an area identified in 18 AAC 50.015(b)(3).

(c) Except as provided under (d) or (e) of this section, a person may not sell, lease, or convey a coal-fired heating device as part of an existing building or other property located in an area identified in 18 AAC 50.015(b)(3).

(d) Subsections (c) and (f) of this section do not apply to an installed coal-fired heating device that has undergone, during wintertime operation, an emission source test

(1) that the department has approved;

(2) that uses 40 C.F.R. Part 60, Appendix A-3, Method 5, revised as of July 1, 2017, and adopted by reference; and

(3) for which the maximum emission rate for any individual test run does not exceed 18.0 grams per hour of total particulate matter.

(e) Subsections (c) and (f) of this section do not apply to the conveyance of a coal-fired heating device in an area identified in 18 AAC 50.015(b)(3) if the owner requests and receives a

temporary waiver from the department or a local air quality program. The department or local air quality program may grant a temporary waiver after considering

- (1) financial hardship information provided by the owner or operator;
- (2) technical feasibility and device design information provided by the owner or operator; and
- (3) potential impact to locations with populations sensitive to exposure to PM-2.5; locations under this paragraph include hospitals, schools, child care facilities, health clinics, long-term care facilities, assisted living homes, and senior centers.

(f) Except as provided under (d) or (e) of this section, the owner of an existing coal-fired heating device shall render the device inoperable by the earlier of December 31, 2024; or before the device is sold, leased, or conveyed as part of an existing building.

(g) Coal-fired heating devices not meeting the requirements of (b) – (d) of this section may not be advertised for sale within an area identified in 18 AAC 50.015(b)(3). (Eff. 1/12/2018, Register 225; am 9/15/2018, Register 227; am 1/8/2020, Register 233)

**Authority:** AS 46.03.020 AS 46.14.020 Sec. 30, ch. 74, SLA 1993  
AS 46.14.010 AS 46.14.030

**18 AAC 50.080. Ice fog standards.** The department will, in its discretion, require a person who proposes to build or operate an industrial process, fuel-burning equipment, or incinerator in an area of potential ice fog to obtain a permit and to reduce water emissions. (Eff. 1/18/97, Register 141)

**Authority:** AS 46.03.020 AS 46.14.020 Sec. 30, ch. 74, SLA 1993  
AS 46.14.010

**18 AAC 50.085. Volatile liquid storage tank emission standards.** (a) The owner, operator, or permittee of a volatile liquid storage tank located in the Port of Anchorage that has a volume of 9,000 barrels (378,000 gallons) or more shall reduce organic vapors emitted to the atmosphere by using

- (1) an internal floating roof installed before June 1, 1992;
- (2) an internal floating roof that meets the specifications of 40 C.F.R. 60.112b(a)(1), adopted by reference in 18 AAC 50.040;
- (3) a closed vent system and control device that collects and reduces organic vapors emitted to the atmosphere by at least 95 percent (six-hour average), as specified in the department's *Air Quality Compliance Certification Procedures for Volatile Liquid Storage Tanks, Delivery Tanks, and Loading Racks*, adopted by reference in 18 AAC 50.030; or