

R 408.4027 Adoption; ASME code CSD-1.

Rule 27. (1) The owner shall ensure that the installation, maintenance, operation, and testing of controls and safety devices is in accordance with manufacturer's instructions and ASME code CSD-1, 2006 edition, except as modified by these rules. The code is adopted by reference in these rules and available for inspection at the Michigan Department of Energy, Labor & Economic Growth, Bureau of Construction Codes, 6546 Mercantile Way, Lansing, Michigan 48911 or from the ASME, 22 Law Drive, Fairfield, New Jersey 07007, at a cost as of the time of adoption of these amendatory rules of \$85.00.

(2) An owner or user of a boiler system shall ensure that the maintenance and testing of controls and safety devices is conducted by an individual with a valid mechanical contractor license with the appropriate classification pursuant to 1984 PA 192, MCL 338.971 et seq.

(3) An owner or user shall provide the inspector, at the time of certificate inspection, with evidence showing what tests have been completed annually. The evidence shall be a dated and signed service report or checklist, listing each control and safety device tested with the manufacturer's name, model number, set point, and actual operational test point. An example of a report or checklist may be found in CSD-1, 2006 edition 7, appendix C. If an owner does not provide the inspector with the required evidence of annual testing for each year between certificate inspections, then the inspector may, issue a certificate of inspection for a term less than that stated in R 408.4057.

Exception: For hot water heating boilers with a BTU input of 400,000 or less, the requirements of this rule need only be conducted once during an inspection cycle but shall be performed within 12 months prior to the certificate inspection required by R 408.4057(1)(c).

(4) The owner, user, or operator of a boiler system shall ensure that the daily, weekly, and monthly operational checks are performed and documented pursuant to the manufacturer's instructions and these rules. If the manufacturer's instructions are not available, CSD-1, 2006 edition, nonmandatory appendix D contains a recommended checklist for additional information on periodic checks.

(5) A manually operated remote shutdown switch as required by CSD-1, 2006 edition, shall be located outside of each exit access doorway to the boiler room. The switch may be located just inside each exit access doorway should a possibility of tampering or weather conditions exist. A licensee may request a deviation from the requirements of this subrule by submitting drawings clearly showing the deviation and stating justification for the request to the chief inspector for review and approval before the installation of a boiler. The chief inspector shall notify the licensee of the approval or denial of the request.

(6) A single manually-operated remote shutdown switch may be used in a multiple boiler installation that shares a common boiler room. Exception: Kitchen cooking boilers, steam kettles, and steam cookers used for food preparation located in a kitchen shall be exempt from a manually operated remote shutdown switch.

(7) Where applicable, the boiler installation shall comply with the Michigan mechanical code, R 408.30901 to R 408.30998, Michigan plumbing code, R 408.30701 to R 408.30796 and Michigan electrical code, R 408.30801 to R 408.30880.