875—91.10(89) Equipment room. This rule applies to existing and new installations except as noted in subrule 91.10(1).

91.10(1) *Clearances.*

a. This paragraph applies to objects installed after December 1, 2022. Minimum clearance on all sides of objects shall be 36 inches, or the manufacturer's recommended service clearances if they allow sufficient room for inspection. Where a manufacturer identifies in the installation manual or other document that the unit requires more than 36 inches of service clearance, those dimensions shall be followed. Manholes shall have five feet of clearance between the manhole opening and any wall, ceiling or piping that would hinder entrance or egress from the object.

b. This paragraph applies to all objects installed after December 1, 2021, and before December 1, 2022. All objects shall be installed with the clearances identified in NBIC Part 1.

c. This paragraph applies to objects installed after September 20, 2006, and before December 1, 2021. Minimum clearance on all sides of objects shall be 24 inches, or the manufacturer's recommended service clearances if they allow sufficient room for inspection. Where a manufacturer identifies in the installation manual or other document that the unit requires more than 24 inches of service clearance, those dimensions shall be followed. Manholes shall have five feet of clearance between the manhole opening and any wall, ceiling or piping that would hinder entrance or egress from the object.

d. All objects installed prior to September 20, 2006, shall be so located that adequate space is provided for the proper operation, inspection, and necessary maintenance and repair of the object and its appurtenances.

91.10(2) *Condition of the equipment room.*

a. The roof, walls and floor of the equipment room shall be free from leaks and structurally sound.

b. The equipment room shall have drainage adequate to remove standing water from the floor.

c. The equipment room shall be free from materials that obstruct access to the objects, their setting, or operation.

d. Storage of flammable material or gasoline-powered equipment in the equipment room is prohibited.

91.10(3) *Exit from equipment room.* This subrule shall apply to an equipment room exceeding 500 square feet of floor area, containing at least one object, and containing fuel-burning equipment with at least a combined capacity of 1,000,000 Btu per hour or the equivalent electrical heat input. Two means of exit located remotely from one another shall be provided on each elevation for covered equipment rooms. A platform at the top of a single object or other equipment is not considered an elevation.

91.10(4) *Carbon monoxide detector or alarm.* The owner or user shall install and maintain a carbon monoxide detector or alarm in an equipment room where one or more fuel-fired objects are located in accordance with the detector or alarm manufacturer's recommendations.

[**ARC 5977C**, IAB 10/20/21, effective 11/24/21; **ARC 6681C**, IAB 11/30/22, effective 1/4/23]