Table 2-B
Effective October 1, 2021

Oregon Amendments to the 2021 edition of the National Board Inspection Code (NBIC) ANSI/NB 23 for the 2021 Oregon Boiler and Pressure Vessel Specialty Code.

For the purpose of identifying Oregon amendments to the NBIC – "OBPVSC" followed by a code section denotes an Oregon amendment to that section of code. Amendments may either be additions of code language developed by Oregon, or the deletion of NBIC code language. Language contained in the NBIC not listed in this table has not been amended by Oregon.

PART 1	
OBPVSC 1.4.5	**Boiler installation report.** Not adopted.
OBPVSC 1.6.1	**Supports, foundations, and settings.** Each boiler, potable water heater, thermal fluid heater and pressure vessel and the associated piping must be safely supported. Design of supports, foundations, and settings shall consider vibration (including seismic where necessary), movement (including thermal expansion and contraction), grounding/bonding to minimize electrolytic corrosion and loadings (including the weight of the fluid in the system during a pressure test) in accordance with jurisdictional requirement, manufactures recommendations, and/or other industry standards, as applicable. Note: These provisions apply in addition to provisions of the Oregon Electrical Specialty Code.
OBPVSC 1.6.3	**Exit.** For exiting requirements, see Chapter 10 of the Oregon Structural Specialty Code. ~~Two means of exit shall be provided for boiler rooms exceeding 500 sq. ft. (46.5 sq. m) floor area and containing one or more boilers having a combined fuel capacity of 1,000,000 Btu/hr (293 kW) or more (or equivalent electrical heat input). Each elevation shall be provided with at least two means of exit, each to be remotely located from the other. A platform at the top of a single boiler is not considered an elevation.~~
OBPVSC 1.6.4	**Ladders and Runways.** See Oregon Administrative Rules, Chapter 437, Division 2.
OBPVSC 1.6.6	**Ventilation and Combustion Air.** Note: These provisions apply in addition to provisions of the Oregon Mechanical Specialty Code.
OBPVSC 1.6.9	**Carbon Monoxide (CO) Detector/Alarm.** Not adopted.
OBPVSC 2.3.3(a)	**Clearances.** a) Boiler installations shall allow for normal operation, maintenance, and inspections. There shall be at least 36 in. (915 mm) of clearance on each side of the boiler to enable access for maintenance and/or inspection activities. Boilers operated in battery shall not be installed closer than 48 inches from each other, except boilers that operate at up to 2,000,000 btu may be installed according to manufacturer's instructions.
OBPVSC 2.10.6	**Boiler Installation Report.** Not adopted.
OBPVSC 3.3.4(a)	**Clearances.** Heating boilers shall have a minimum distance of at least 36 in. (914 mm) between the top of the boiler and any overhead structure and at least 36 in. (914mm) between all sides of the heating boiler and adjacent walls, structures or other equipment; except that heating boilers exceeding 2,000,000 btu and operated in battery shall be installed a minimum of 48 inches from each other, and heating boilers that operate at or below 2,000,000 btu may be installed according to manufacturer's instructions. Heating boilers having manholes shall have at least 84 in. (2135 mm) of clearance between the manhole opening and any wall, ceiling, piping, or other equipment that may prevent a person from entering the heating boiler. Alternative clearances in accordance with the manufacturer's recommendations are subject to acceptance by the Jurisdiction.
OBPVSC 3.10.3	**Boiler installation report.** Not adopted.

OBPVSC 4.3.2(a)	**Clearances.** a) All pressure vessel installations must allow sufficient clearance for normal operation, maintenance, and inspection (internal and external). When making an installation or adding insulation, the name plate and safety relief valve data plates shall be available for review.
OBPVSC 4.3.3	**Piping.** Piping loads on the vessel nozzles shall be considered. Piping loads include weight of the pipe, weight of the contents of the pipe, expansion of the pipe from temperature and pressure changes (wind and seismic loads). The effects of piping vibration on the vessel nozzles shall also be considered. Installation shall be in accordance with the Oregon Boiler and Pressure Vessel Specialty Code.
OBPVSC Supplement 3	**Installation of Liquid Carbon Dioxide Storage Vessels.** Not adopted.
PART 2	
OBPVSC 1.5.2.1	**Inspection Planning.** Note: Minimum inspection frequencies are established in OAR 918-225-0570.
OBPVSC 2.3.6.6	**Transport Tanks.** Not adopted.
OBPVSC 4.2.1	**4.2.1 Visual** **(c)** Remote Visual Inspection is an acceptable method of visual examination if the process is agreed upon by the owner and acceptable to the Inspector and Jurisdiction, if required. (Items 1-6 are not adopted) (7) All equipment used must produce results acceptable to the Inspector.
OBPVSC Supplement 6	**Continued Service and Inspection of DOT Transport Tanks.** Not adopted.
OBPVSC Supplement 7	**Inspection of Pressure Vessels in Liquefied Petroleum Gas Service.** Not adopted.
OBPVSC Supplement 12	**Inspection of Liquid Carbon Dioxide Storage Vessels.** Not adopted.