

NB12-0301

4.7 REQUIREMENTS FOR HOT WATER STORAGE TANKS

4.7.1 SUPPORTS

Each hot water storage tank shall be supported in accordance with NBIC Part 1, 4.3.1.

4.7.2 CLEARANCE AND ACCEPTABILITY

- a) The required nameplate (marking or stamping) should be exposed and accessible.
- b) The openings when required should be accessible to allow for entry for inspection and maintenance.
- c) Each hot water storage tank shall meet the requirements of NBIC Part 1, 4.3.2.

4.7.3 SAFETY RELIEF DEVICES

- a) Each hot water storage tank shall be equipped with an ASME NB approved temperature and pressure relieving device set at a pressure not to exceed the maximum allowable working pressure and 210°F.
- b) The temperature and pressure relieving device shall meet the requirements of NBIC Part 1, 4.5.

4.7.4 THERMOMETERS

- a) Each hot water storage tank shall be equipped with a thermometer.
- b) Each hot water storage tank shall have a thermometer so located that it shall be easily readable at or near the outlet. The thermometer shall be so located that it shall at all times indicate the temperature of the water in the storage tank.

4.7.5 SHUT OFF VALVES

- a) Each hot water storage tank shall be equipped with stop valves in the water inlet piping and the outlet piping in order for the hot water storage tank to be removed from service without having to drain the complete system.
- b) Each hot water storage tank shall be equipped with a bottom drain valve to provide for flushing and draining of the vessel.

4.7.6 TESTING AND ACCEPTANCE

Testing and acceptance shall be in accordance with NBIC Part 1, 4.6.