**Section 505.50 Exemptions**

The following exemptions to requirements in this Part shall be permitted, except as defined in this Section or as otherwise provided in this Part. The exemptions provided in subsections (a)(1), (2), (3) and (4) shall not be permitted for ISI boilers and pressure vessels.

a) Except as provided in Section 505.70, the following boilers and pressure vessels shall be exempt from the requirements of this Part:

1) Those classes of pressure vessels not within the scope of ASME Code Section VIII, Division I as defined in the introduction under paragraph U-1.

2) Boilers and pressure vessels which have either a Limiting Condition for Operation (LCO) or a surveillance requirement in the plant's technical specifications.

3) Pressure vessels that do not exceed:

A) A volume of 15 cubic feet and 250 psig when not located in a place of public assembly; or

B) A volume of 5 cubic feet and 250 psig when located in a place of public assembly; or

C) A volume of 1½ cubic feet and 600 psig.

4) Water conditioning equipment used for removing minerals, chemicals, or organic or inorganic particulate from water by means other than application of heat, e.g., water softeners, water filters, dealkalizers and demineralizers, provided the following conditions are met:

A) The temperature of such vessels is maintained below 212° F;

B) No heat is applied to the water after being placed into such vessels; and

C) No heat is applied either directly or indirectly to such vessels.

5) Hot water supply boilers that are directly fired with oil, gas or electricity, provided none of the following limitations are exceeded:

A) Heat input of 200,000 BTU/hr.; or

B) Water temperature of 200º F; or

C) Nominal water containing capacity of 120 gallons.

6) Coil type hot water boilers in which the water can flash into steam when released directly to the atmosphere through a manually operated nozzle, provided the following conditions are met:

A) There is no drum, headers or other steam spaces;

B) No steam is generated within the coil;

C) Outside diameter of tubing does not exceed 1 inch;

D) Pipe size does not exceed ¾ inch;

E) Water capacity of the unit does not exceed 6 U. S. gallons; and

F) Water temperature does not exceed 350º F.

7) ISI pressure vessels that have a surveillance requirement in the plant technical specifications or are continuously monitored or are routinely subjected to examinations and tests (e.g., visual examinations and pressure tests), other than those required in this Part but that are determined by the Agency to give an assurance of structural integrity at least equal to that provided by the examinations and test required by this Part.

8) Other boilers and pressure vessels listed under Section 5(a) of the Act.

b) Boilers and pressure vessels listed under Section 5(b) of the Act shall be subject to the requirements of this Part (e.g., design, construction and registration), except for those requirements pertaining to inspection, Inspection Certificates and penalties for operating without a valid Inspection Certificate.

(Source: Amended at 33 Ill. Reg. 4345, effective March 9, 2009)