

## SECTION 15550 - HEAT GENERATION

### PART 1 - GENERAL

#### 1.1 SCOPE OF SECTION:

This section contains the requirements relating to heat generation equipment and materials.

#### 1.2 GENERAL:

- A. EQUIPMENT ACCESS: All plant equipment shall be located so as to be accessible for maintenance. It is unacceptable that demolition be required for removal of plant equipment (not the facility).

#### 1.3 BOILERS:

A. APPLICABLE DESIGN CODE:

1. All installations shall be designed, constructed, inspected and stamped in accordance with the ASME Code, and the latest addenda thereto in effect.
2. All boilers shall bear the National Board Stamping and the manufacturer's N.B. numbers as registered with the National Board of Boiler and Pressure Vessel Inspectors. A copy of the Manufacturer's Data Report signed by the manufacturer's representative and the National Board Commissioned Inspector employed by the Authorized Inspection Agency shall be submitted to the A/E for submittal to UF prior to Substantial Completion.

B. POWER PIPING:

1. Piping external to power boilers from the boiler to the first stop valve of a single boiler, and to the second stop valve in a battery of two or more boilers is subject to the requirements of Section 1 of the ASME Code, and the design, fabrication, installation and testing of the valves and piping shall be in accordance with ANSI B31.1.0, as adopted and incorporated by reference.
2. Welded piping is subject to the ASME Code requirements for proper code certification including stamping in conformance with the code and furnishing of applicable Manufacturer's Data Report forms to the A/E for submittal to UF prior to Substantial Completion.

END OF SECTION