The Design Guidelines – Mechanical section of the MSU Standards for Construction has been modified in the following area:

**Mechanical Design – HVAC – Heating Systems (Part 6B)**

**Added content**

- **Steam Systems**
  - Operating pressures of the LP steam in existing building vary from 7 to 15 psig.
  - Operating pressures of the LP steam in new construction should be designed for 15 psig.
  - The set pressures of the safety valves should be 5 psi higher than the PRV reduced pressures.
  - LP drip traps should be selected for maximum operating pressure not less than relief valve set pressure.
  - Valves, strainers and fittings in HP shall be rated not less than 150 psi working pressure.
  - HP drip traps shall be selected for maximum operating pressure not less than 150 psi working pressure.
  - Steam traps on coils, heat exchangers, water heaters, e.g., should be selected for maximum operating pressure not less than the control valve inlet pressure.
  - Steam control valves should be selected for min. close off pressure not less than the control valve inlet pressure.