DESIGN GUIDELINE 220519
THERMOMETERS AND PRESSURE GAUGES

Scope

Requirements for thermometers and pressure gauges.

Related Sections

U-M Master Specification:
220519 - Thermometers, Pressure Gauges, and Accessories

Standard Details:
15130001 - Thermometer Installation Detail
15130002 - Pressure Gauge Detail

Design and Application Requirements

U-M Master Specification Section 22 0519 shall be used as the basis for thermometer and pressure gauge specifications on projects, with the exception of fire protection. This specification contains the minimum requirements for thermometers and pressure gauges at U-M. Project specific requirements may dictate devices with additional features, higher pressure/temperature ratings, etc. The A/E shall therefore edit the U-M specification to make it project specific. Turn on hidden text and read all spec. editor's notes when editing the specification.

Mercury thermometers are not to be used.

Single pressure gauges should be used across pumps and strainers, piped so that suction/discharge- upstream/downstream pressures can be read separately.

Installation Requirements

The A/E shall show on the drawings or details the locations of all thermometers and gauges.