

15075 Mechanical Identification

Part 1: General

1.01 These standards apply to the tagging and identification of piping, equipment and ductwork

Part 2: Design Guidelines

- 2.01 Paint all equipment and piping exposed to view in finished areas including hangers and attachments.
- 2.02 Color code piping in mechanical rooms by covering surface with paint; color code piping in other areas by banding pipe at frequent intervals with the specified color.
- 2.03 Place an identification of flow arrow on all pipes or pipe covering to signify the direction of flow, whether the piping is exposed or concealed above ceilings.
- 2.04 Steam lines shall indicate pressure
- 2.05 Provide brass valve tags for all valves and a schedule under rigid plastic in the mechanical room.
- 2.06 For underground utilities, see Section 02500 Site Utilities.
- 2.07 The designer is requested to utilize the following color coding for various pipes, pipe banding, and pipe insulation.

Fire Protection	Red
Steam Supply	Orange
Condensate Return	Aluminum
Potable Cold Water	Dark Green
Potable Hot Water	Dark Yellow (Gold)
Non-Potable Water	Bright Yellow
Lab Cold Water	Light Green
Lab Hot Water	Light Yellow
Chilled Water	Dark Blue
Condenser Water	Light Gray
Natural Gas	Light Yellow
Compressed Air	Dark Brown
Vacuum	Beige
Process Water	Light Blue
Drain, Waste, and Vent	Same as surrounding
Heating Hot Water	Light Brown

2.08 Mark location of equipment above ceilings with identifying “buttons” to help in identification for maintenance