



Information Required for Pipe Support Design

The following information is required prior to commencement of pipe support design activity:

- Piping specification or information on piping materials, schedules/wall thicknesses, fitting pressure ratings, etc.
- Piping line list or information on design and operating pressures and temperatures.
- Piping insulation schedule showing insulation thickness, type and density.
- Valve list showing valve type, operators, dimensions and weights.
- Information on any special fittings or specialty equipment.
- Pipe support specification detailing acceptable support types or components, variability of flexible supports, applicable codes or standards, etc.
- Piping terminal point movements (at connections to equipment or other piping).
- Pipe system drawings or isometric drawings.
- Area composite drawings.
- Structural steel and/or concrete drawings.
- Electrical or cable tray drawings.
- HVAC or duct drawings.
- Drawings of any other potential interferences with supports.
- Any other information concerning piping or support design.

It is important to note that the information involving the piping segments supplied by the boiler and turbine manufacturers will likely not be found with the plant piping specifications and will require the review of specific drawing/information associated with the individual suppliers.

IR-PSD