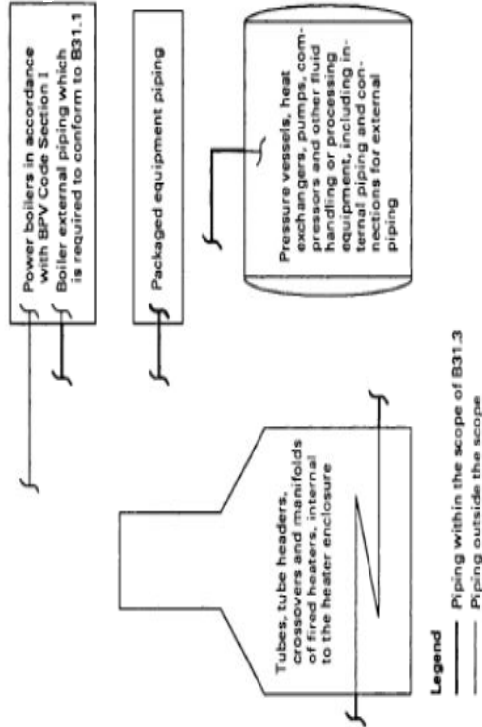


Fig. 300.1.1 Diagram Illustrating Application of B31.3 Piping at Equipment



As per this BPV Code Section I is not applicable to piping within the scope of B31.3

Since code case N-253 is covered by ASME BPV code, this case is not applicable to piping stress analysis performed as per B31.3

GENERAL NOTE: The means by which piping is attached to equipment is within the scope of the applicable piping code.

backing ring: material in the form of a ring used to support molten weld metal.

balanced piping system: see para. 319.2.2(a).

base material: the material to be brazed, soldered, welded, or otherwise fused.

basic allowable stress: see *stress terms frequently used*.

bolt design stress: see *stress terms frequently used*.

bonded joint: a permanent joint in nonmetallic piping made by one of the following methods:

(a) **adhesive joint:** a joint made by applying an adhesive to the surfaces to be joined and pressing them together

(b) **butt-and-wrapped joint:** a joint made by butting together the joining surfaces and wrapping the joint with plies of reinforcing fabric saturated with resin

(c) **heat fusion joint:** a joint made by heating the surfaces to be joined and pressing them together to achieve fusion

(d) **hot gas welded joint:** a joint made by simultaneously heating the surfaces to be joined and a filler material with a stream of hot air or hot inert gas, then pressing the surfaces together and applying the filler material to achieve fusion

(e) **solvent cemented joint:** a joint made by using a solvent cement to soften the surfaces to be joined and pressing them together

(f) **electrofusion joint:** a joint made by heating the surfaces to be joined using an electrical resistance wire coil, which remains embedded in the joint.

bonder: one who performs a manual or semiautomatic bonding operation.

bonding operator: one who operates machine or automatic bonding equipment.

bonding procedure: the detailed methods and practices involved in the production of a bonded joint.

bonding procedure specification (BPS): the document which lists the parameters to be used in the construction of bonded joints in accordance with the requirements of this Code.

borescopic examination: a visual examination aided by a mechanical or electromechanical device to examine the inside diameter of inaccessible welds.

branch connection fitting: an integrally reinforced fitting welded to a run pipe and connected to a branch pipe by a butt welding, socket welding, threaded, or flanged