

Pipe system essentials:

Take off

- Branch run

Stub in

- Branch fitting connection made to header by direct attachment of branch

Branch reinforcement

- Material added in the vicinity of a branch opening to restore the mechanical integrity of the pipe

NPS

- Nominal pipe size

Pipe support

- Support elements which serve to maintain the structural integrity of the piping system, these are typically non-linear elements

Spring support

- Support provided by an element composed of a spring assembly, these are linear support elements

Snubber

- Support provided by an element composed of a non-linear, damping element

Category D

- Within reference of B31.3, a service classification

Category M

- Within reference of B31.3, a service classification

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ASME B36 Piping Component Standards

Piping standards developed by the American Society of Mechanical Engineers / American National Standards Institute:

B36.10 Welded and Seamless Wrought Steel Pipe

B36.19 Stainless Steel Pipe

Other ASME or ANSI

B73.1 Horizontal, End Suction Centrifugal Pumps

B73.2 Vertical In-line Centrifugal Pumps

B133.2 Basic Gas Turbine

2.2 NEPA Codes

National Electrical Protection Association

Piping covering fire protection systems using water, carbon dioxide, halon, foam, dry chemical and wet chemicals.

NFC - NFPA Codes

National Fire Code / National Fire Protection Association

NFPA 99 Health Care Facilities Code

2.3 CSA Standards

Canadian Standards Association

CSA Z662 - 94 Oil & Gas Pipeline Systems

This standard supercedes these standards:

- CAN/CSA Z183 Oil Pipeline Systems
- CAN/CSA Z184 Gas Pipeline Systems
- CAN/CSA Z187 Offshore Pipelines

Other CSA Piping and Component Codes:

B 51 Boilers and Pressure Vessels

B 53 Identification of Piping Systems

B 52 Mechanical Refrigeration Code

B 63 Welded and Seamless Steel Pipe

B 137.3 Rigid Poly-Vinyl Chloride (PVC) Pipe

B 137.4 Polyethylene Piping Systems for Gas Service

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