

Pipe Design: Fabrication Doc. P-105

The Purpose of 3D Design of Piping Installation is creating Fabrication Documentation for Prefabrication of Pipe Spools, Units/Assemblies, Pipe Racks etc.

Piping Isometrics

Generation of Pipe Isometrics is the most important means of communication. P-Engineering generates fully detailed Piping Isometrics with all details necessary for manufacturing and later erection.

Isometric Pipe Drawings

P-Engineering generates Isometric Pipe Drawings as AutoDrawing Production. Purpose of these drawings are as supplement to Pipe Isometrics and prevent misunderstandings during fabrication.

BoQ (Bill of Quantities)

BoQ for

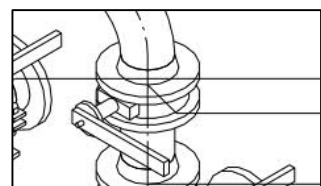
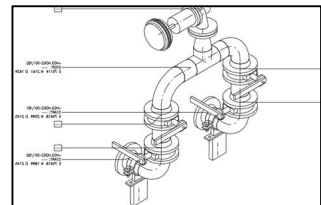
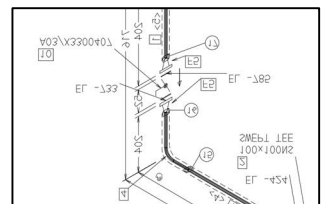
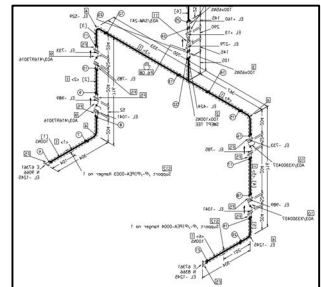
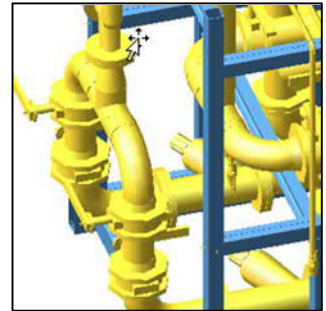
- Tube Pieces with Cut-length and Pipe Fittings
- Pipe Supports Items.
- Welding's (Sorted by Type/Quality and Size)
- Bolting for Assembly

P-Engineering uses e.g.

- [AVEVA PDMS](#) Software for 3D design
- [DXT EN13480](#) Software for Detail Calculations
- [LISEGA](#) Support Design Tool
- [ROHR2](#) software for Pipe Flexibility Calculations

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Pictures of same Pipe as Pipe Isometric and Isometric Pipe Drawing.