

## Piping: Water Install. EN10312 P-301

Design of Welding Water Installations according to EN10312 would be a different approach in many countries. For sizes above approximately DN40 welded piping may be cheaper than pressed piping depending on the local agreement.

**Note:** In Denmark mandatory VA-approval is deferred and all stainless-steels material from W1.4000 to W1.4999 is pre-approved for Water Installations.

What are the advantages:

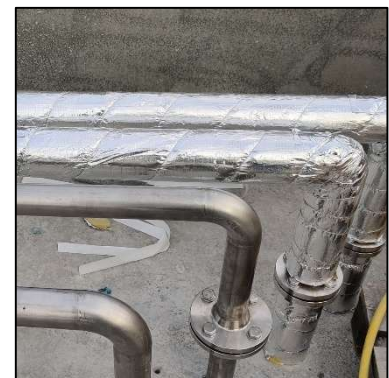
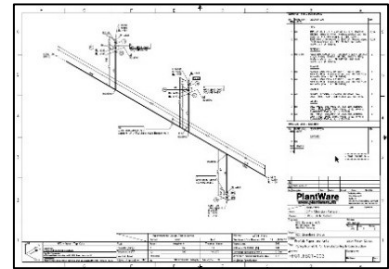
- Cheaper for piping in sizes above approximately DN50 compared to the predominate Press assembly Water Piping.
- Enables Prefabrication of pipe spools (Pipes assembled with Press connections are not suitable for transporting and hoisting).

Prefabricated Water Piping reduces the onsite need for QC for e.g., tracking tube materials and Press-connections quality with for example X-Ray.

Trainees will learn about design welded pipe installations and how to create Piping Isometrics for supporting the manufacturing process.

Contact Information:

Christian Pallesen; +45 2526 8805; [cp@p-engineering.dk](mailto:cp@p-engineering.dk)



*Pictures from various welded water installations from both prefabrication process and from site installation.*