

## Steam Boiler: Utility Piping

### P-318

Design of Utility Piping for Auxiliary Systems for any Steam Boiler applications. Design of various items such as:

- N-Gas Piping from Main @ 4 Barg Line to Burner Distribution @ 1.2 barg
- Fuel Gas
- Oil Emulsion
- Steam & Condensate Piping
- Compressed Air
- Central Vacuum System
- Heating System
- Blow down System
- Drain Arrangements
- Sot Blower Arrangements
- District Heating System

Design package contains off:

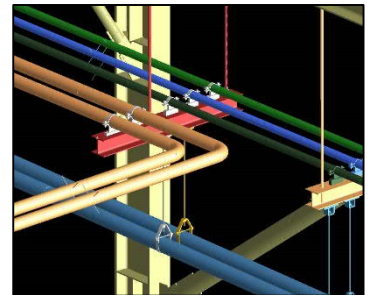
- General Arrangement
- Pipe Design; 3D Arrangement
- Pipe Design; EN12952 and EN13480
- Support Design
- Pipe Flexibility

For all areas manufacturing drawings will be created – Piping Isometrics, Isometric Pipe Drawings, Support Details etc. For all areas BoQ will be generated for Pipe Materials and Welding's.

P-Engineering use e.g., [AVEVA PDMS](#) Software for 3D, [ROHR2](#) for Pipe Flexibility, [Pipeflo®](#) for Piping Sizing, [DXT](#) Software EN12952 and EN13480, [LISEGA](#) Software for Detail Support Design and [Conval®](#) for Sizing and Selection of SRV valves.

Contact Information:

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



*Pictures from RenoNord Waste Incineration Plant (Aalborg, Denmark – [www.renonord.dk](http://www.renonord.dk)) – Picture above from the actual installation of the piping and Picture below is same place in the 3D model.*