

Pipe Design acc. to EN13480 P-101

Design of Piping Installation according to PED and EN13480 for different applications such as

- Power Plant
- Waste & Sludge Incineration Plants
- Pharmaceutical Plants
- Building Utilities
- District Heating
- Chemical Plants
- Food & Beverage
- Diaries – Cheese, Milk & Lactose

The design work covers from creating piping specifications with detail calculations of e.g., Olets, Reducers, Tees, and Elbow for a specific set of Pressure and Temperature to making overall 3D Piping Arrangement, creating Fabrications Isometrics with Pipe Support including support steel.

Supplemented with Pipe Flexibility Calculation when applicable with Detailed Support Design with Spring/Constant Load Support.

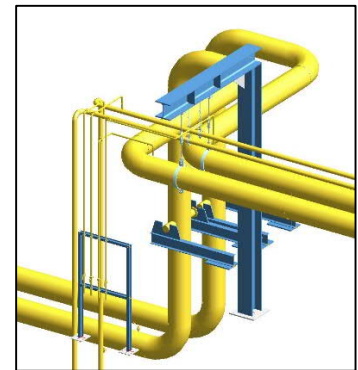
P-Engineering has especially knowledge within Steam and Condensate Piping systems.

P-Engineering uses e.g.

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

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Pictures from the Waste Incineration plant "I/S Vestforbrændingen" for a Heat Recovery project based on Flue Gas Scrubbers with Heat Pumps boosting Water Temperature for District Heating usage.