

## Pipe Design: N-Gas Burners P-152

Design of Piping for N-Gas Burner Supply Stations according to PED and EN13480 including ATEX Classification and Zoning definition. Design of N-Gas Burner Stations for different applications such as

- Power Plant
- Industrial Boiler Plants
- Gas Turbine Installation

Design package includes

- PFD & PID
- Sizing and Dimensioning
- Pipe Design EN13480 with calculation of Tubes and Pipe Fittings
- Arrangement and Layout
- Flexible Joint design for e.g., Burners on Utility Boilers with large lateral movements.
- Pipe Support
- Fabrication Isometrics
- BoQ – Tube, Fittings and Welding's

ATEX

Many countries have Special ruleset for N-Gas Installation and if not, general ATEX Rules and Regulation will be used.

P-Engineering uses e.g.

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

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*Pictures of a Burner Supply Stations for Large Utility Boiler Burner and a smaller Industrial Boiler Station at a diary.*