

Pipe Design: N-Gas Mains P-151

Design of Piping Installation according to PED and EN13480 for N-Gas Main Distribution for different applications such as

- Power Plant
- Industrial Boiler Plants
- Gas Turbine Installation

High Pressure
Design of High-Pressure System up to 80 Barg with Turbine Pressure Reduction and Gas Odorization.

Normal Pressure
Distribution Main System with Pressure from approx. 3-6 barg.

Low Pressure
Normal low pressure up to 1.2 barg for Gas-Ramps for Utility Boiler Burners, Industrial Boiler Burners etc.

Noise Optimized
High-Pressure and High-Velocity Gas Pipelines can make a distinct whistling noise. P-Engineering have specialized Pipe Series for N-Gas to avoid this phenomenon.

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 Main Gas Line for Industrial Steam Boiler Plant and a Gas Ramp for at Hot Water Boiler.