

Distillation Plant: Gen. Design

P-329

Design of Distillation Plant for various businesses:

- Pharmaceutical / Biotech
- API – Active Pharm. Ingredient
- Chemical

P-Engineering designs with the following Engineering Scope:

- PFD & PID
- 3D General Layout
- 3D Detailed Layout
- Process Calculations
- PED – Pressure Design
- ATEX – Zone (0)/1/2
- Control and SR Valve Sizing
- Static Equipment Design & Sizing
- Pipe Design with Pipe Isometrics for prefabrication EN13480
- Support Structure
- Structural Steel Design
- Access Ways and Platforms
- Instrumentation – Intrinsic Safe
- Insulation Specification
- MCC's and Electrical Supply
- Cabling – Power, Signal & IT
- Process Control System Specification & FD's
- Insulation Specification
- Surface Treatment Specification

P-Engineering uses e.g.

- [AVEVA PDMS](#) Software for 3D design
- [CONVAL®](#) for Control Valve Design
- [PIPE-FLO®](#) Pump Sizing and Pressure Loss
- [ROHR2](#) software for Pipe Flexibility Calculations

Contact Information:

Christian Pallesen; +45 2526 8805; cp@p-engineering.dk



Pictures of an Ethanol Distillation Plant @ an API factory in Denmark. Ethanol Storage in the background. Ethanol was used for sedimentation of product.