

Storage Facilities: ATEX/Ex

P-324

Design of Storage Facilities for

- Ethanol
- Methanol
- Highly flammable fluids

Design of ATEX (Ex) classified facilities pressure-less/vented vessels. Design Package includes

- PFD & PID
- Process Calculations
- Instrumentation – Normal & Intrinsic Safe
- Vessel Design
- Valves Pressure/Vacuum Relief
- Access Ways and Platforms
- Foundation Design
- Overspill Capture in Concrete
- Pipe Design
- Pipe Support
- Pipe Bridges
- Pumping Units
- Mixing Capability
- Loading/uploading Station.
- MCC's and Electrical Supply
- Cabling – Power, Signal & IT
- Process Control System Specification & FD's
- Fire Fighting System (Foam)

Generation of Fabrication and Erection Drawings for all above.

P-Engineering uses e.g.,

- [AVEVA PDMS](#) Software for 3D design
- [SolidWorks](#) for Vessel Design
- [Pipeflo®](#) for Piping and Pump Sizing

Contact Information:

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



Pictures from Ethanol Storage & Distillation in relation to API-factory (DK) for Dextran production.