

## Storage Facilities: Chemicals

### P-326

Design of Storage Facilities for Chemicals like e.g.

- Lye
- Acid
- Other

Designed for pressure-less unclassified vessels.

Design Package includes

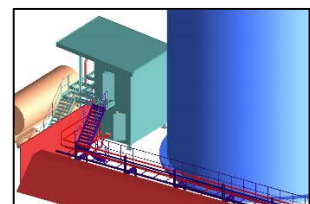
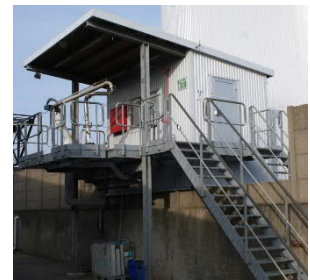
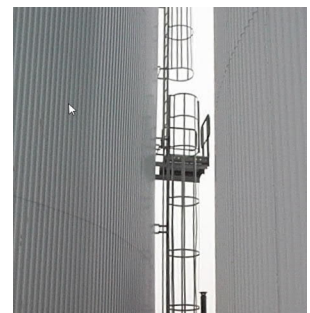
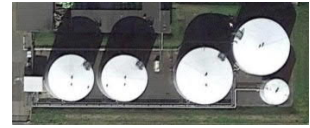
- PFD & PID
- Process Calculation
- Access Ways and Platforms
- Vessel Design
- Heating System for Product (District Heating or Boiler)
- Foundation & Concrete Design
- Overspill Capture in Concrete
- Pipe Design
- Pipe Support Design
- Pumping Sizing and Selection
- Mixing Capability Design – Mixing with de-scaled water.
- Loading/uploading Stations with Steel Structure for Civil.
- Instrumentation
- MCC's and Electrical Supply
- Cabling – Power, Signal & IT
- Process Control System Specification & FD's

P-Engineering uses e.g.

- [AVEVA PDMS](#) Software for 3D design
- [SolidWorks](#) for Vessel & Concrete Design
- [DXT](#) Software for EN13480 Design
- [Pipeflo](#)® for Piping and Pump Sizing

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*Pictures Yara Lye Storage Facility at Vejle Havn (DK)*