

Industry: Lye and Acid Storage P-374

Design of Lye and Acid

- Reception
- Receipt Control
- Transfer to Storage
- Storage
- Distribution

System will be designed for Continuous Supply.

Distribution pressurized either permanent or based on request from Unit / Functional Units where Acid and Lye shall be supplied. Storage in either Double Walled Tanks or Single Walled with Collection capacity for full volume plus 30%. In both cases Spill/Leak is monitored. Piping will be either Glued or Welded PE/PP Piping laid in Stainless Steel Outer Pipe for control of Leak and reduce request for Pipe Support

P-Engineering deliveries will be

- BoQ – Piping Items
- BoQ – Welding per Diameter
- Fabrication Pipe Isometrics
- Pump Specification – Barrell emptying and Transfer
- Support Drawings
- MCC & Power Supply Design
- Cable Project (Power & Signals)

P-Engineering uses e.g., [AVEVA PDMS](#) Software for 3D design, and PipFlo® for Flow and Pressure Loss Calculations.

Contact Information:

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



Top: Picture of doubled Walled Plastic Tanks for API Below Standard Stainless Steel IBC Containers were used for storage.