

Pharma: Lye and Acid Storage P-225

Design of Lye and Acid

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

System can be designed for Continuous Supply or Batch Based Supply depending on the request for tracking.

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
- BoQ – Insulation
- Fabrication Pipe Isometrics
- Support Drawings
- MCC Spec and Cable Project

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

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