

Pharma: Neutralization Plant P-242

Design of Neutralization Plants for handling of various industrial waste adjusting temperature and pH to fit the regulations for discharge

Design package contains off:

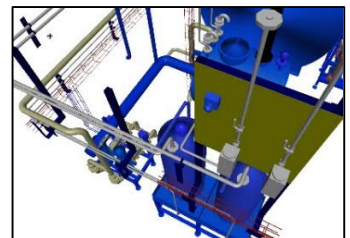
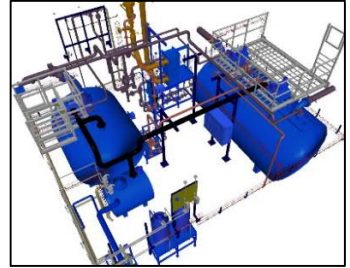
- PFD & PID
- 3D Arrangement
- Foundation – Concrete Design
- Vessel Design with Support for Agitators & Platform
- Cooling System
- Mixing – Static & Agitators
- Acid and Lye System
- Pump Sizing & Selection
- Control Valve Sizing
- Emptying System
- Cleaning with CIP and Automatic Washing
- Structural Steel and Supports
- Platforms and Grating
- Access Stairs & Ladders
- Instrumentation
- MCC's and Electrical Supply
- Cabling – Power, Signal & IT
- Process Control System Specification & FD's with SCADA Spec., MES and Environmental Reporting.

For all areas manufacturing drawings will be created.

P-Engineering will use [AVEVA PDMS](#) as 3D software and DXT-software for pipe and vessel calculation.

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Pictures from the 3D design of a Kill Plant in a pharmaceutical plant (DK).