

Pharma: Sedimentation

P-235

P-Engineering performs design of Special Solution for Batch-based Separation by Sedimentation in an Ethanol solvent and downstream Separation by Centrifuge Processing.

- PFD & PID
- Sedimentation Vessel Design
- ATEX-Design with Classification
 - Process
 - Instrumentation
 - Lighting
 - Ventilation
- Platforms and Access Stairs and Ladders
- CIP Cleaning Loop with Retractable Equipment
- Piping – Process
- Piping – Utility
- Pneumatic Valve Cabinets
- Instrumentation
- MCC and Power Supply
- Equipotential Bonding
- Remote I/O
- Functional Description
- Control System and SCADA Specification

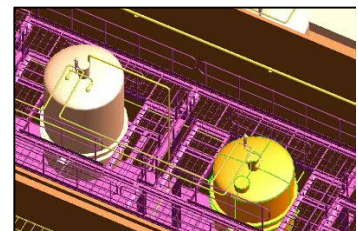
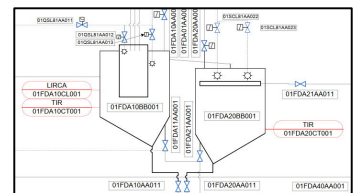
Deliveries of Fabrication Drawings:

- Piping – Process and Utility
- Steelwork
- Vessel with Agitator Support
- Instrument Panels etc.

P-Engineering uses AVEVA PDMS for 3D, Solidworks for Vessel Design, DXT software for EN13480 design.

Contact Information:

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



Pictures from Construction of the Sedimentation Facility, Snap of PID, and view of the 3D Design Model. Picture from an API-factory producing Dextran.