Plantware

Pharma: Fermentation Plant P-214

P-Engineering performs design of Sugar Based Fermentation Processes and Fermentation Plants:

- PFD & PID
- Fermenter Process Design
- Fermenter PED Design according to EN13445
- Platforms and Access Stairs and Ladders
- Support Steel and Pipe Bridge
- Agitator Specification and Support on tank.
- Sample Station with Steam Supply
- CIP Cleaning Loop
- Piping – Process
- Piping – Utility
- Instrumentation
- MCC and Power Supply
- Remote I/O
- Functional Description
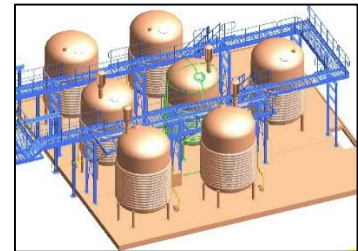- Control System and SCADA Specification

Deliveries of Fabrication Drawings:

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

P-Engineering uses AVEVA PDMS for 3D, Solidworks for Vessel Design, DXT software for EN13480 and 13445 design.

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Pictures from a Fermentation Installation with room for 9 Fermenters and 2 off installed when picture was taken. Picture from an API-factory producing Dextran.