

# Plantware

## Process Installations at Pharmaceutical Factory

### Projekt details

Project	Dextran API
Client	pK Chemicals A/S
Constructor	PlantWare
Built	Haarlev, Danmark
Year	2011

PlantWare made engineering, procurement and installation of the following process installations on pK Chemicals new Dextran factory.

- PW - purified water
- CIP - cleaning in place
- Clean steam - generation & distribution
- Chemical storage, mixing & distribution for 5 different chemicals (technical and pharma grade)
- Ethanol - reception, storage, distribution & distillation
- Sugar - reception, storage & mixing
- Compressed air - clean, instrument and utility
- Fermentation installations
- Kill installations
- Waste water collection and neutralization
- Vacuum - laboratory and production facility
- Product sterilization and charging with tube/shell heat exchangers and holding cell
- SH steam air preheater (spray dryer)
- Boiler room for steam production
- Cooling installation - absorption cooler and distribution
- Product storage - intermediate and final
- Product loading and unloading station

All installations according to PED/EN13480/EN13445 and part of the installation with GMP approval.

### Contact



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



# Plantware

## Process Installations at Pharmaceutical Factory

