

Pharma Refer.: Neutralization

R-244

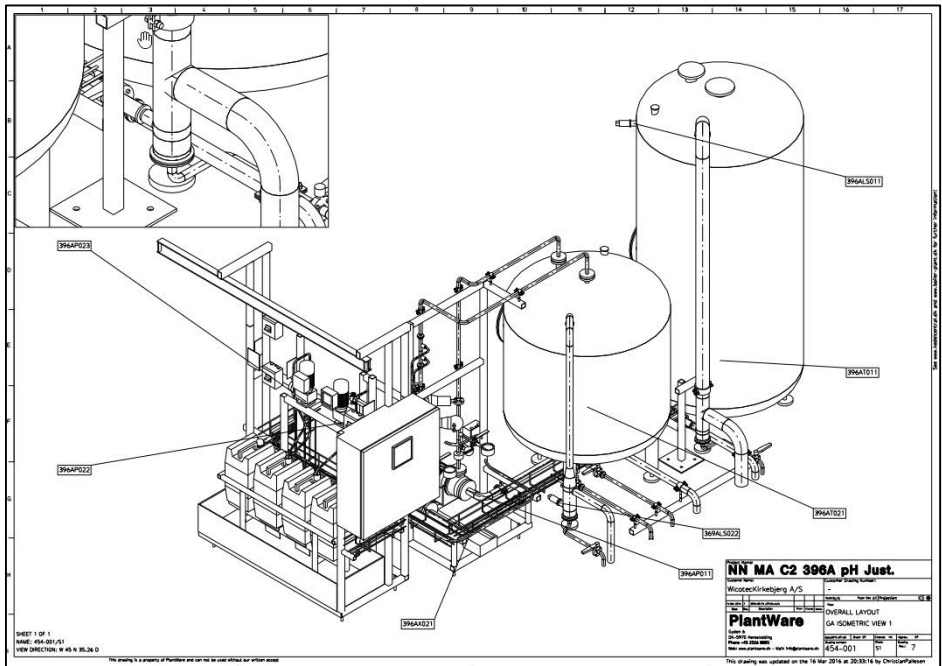


Pictures from a Neutralization Plant in a Pharmaceutical Factory in Denmark. Designed for batch operation receiving both raw water and purified water. Contract performed as EPC.

P-Engineering made overall Design – Mechanical, Piping, Electrical (MCC, Cable Tray and Cabling), Instrumentation and Control system, Installation and Commissioning.

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PlantWare Projekt: pH Justering @ NN MA C2 Ordre nr.: 454

| KKS | Beskrivelse Prodkode Producent | FG Type | P ₇₅ | P ₁₀₀ | P _{dec.} P _{Alarm} | In In | Is IS | Un Un | Fors. Fors. | Driftsform. Cos(f) | Eff(%) Eff(%) | Interface IP |
|--------------|---|---------------|-----------------|------------------|---|----------|----------|----------|----------------|-----------------------|------------------|-----------------|
| 396AA-X01 | TERM TRMT. PH PH MEASUREMENT | pH ADJUSTMENT | 0 | 0 | 0,05 | kW | 0 | 0 | [A] | 230 VAC | 50 Hz | CONTINUOUSLY |
| 396AP011-M01 | MOTOR PUMP TRANSFER LINE -M40-2430 KSB Motor | RECEPTION | 0 | 0 | 1,1 | kW | 0 | 0 | [A] | 400 3VAC | 50 Hz | INTERMEDIATE |
| 396AP021-M01 | MOTOR PUMP PH ADJUSTMENT -M40-2430 KSB Motor | pH ADJUSTMENT | 0 | 0 | 1,1 | kW | 2,5 | 0 | [A] | 400 3VAC | 50 Hz | INTERMEDIATE |
| 396AP022-M01 | MOTOR PUMP ACID DOSING | pH ADJUSTMENT | 0 | 0 | 0,3 | kW | 2,5 | 0 | [A] | 400 3VAC | 50 Hz | INTERMEDIATE |
| 396AP023-M01 | MOTOR PUMP LYE DOSING | pH ADJUSTMENT | 0 | 0 | 0,3 | kW | 0 | 0 | [A] | 230 VAC | 50 Hz | INTERMEDIATE |