

Water Installation: Treatment P-114

Design of Prefabricated Skid mounted Units for Water Treatment.

- De-Scaling, 6°dH
- De-Scaling, 0°dH
- Osmosis Water
- Booster Pump Units

EN 10312 Welded Pipe:

Piping Installation for the Units is done with Welded Steel Pipes according to EN 10312 (EN 13480 design) for compact Installation and Minimal Dead Leg Design. Protected Backflow Prevention according to EN1717.

Design:

Units based on Equipment from recognized Vendors. P-Engineering designs Unit with

- PIDs
- Process Calculations
- Pipe Design including of Pipe Isometric for fabrication
- Support Frame
- Pipe Support
- Instrumentation
- MCC and Cabling Project
- BMS
- Equi-Potential Bonding
- CE-marking with Tech. Dossier

P-Engineering uses e.g.

- [AVEVA PDMS](#) Software for 3D design
- [PIPE-FLO®](#) Pump Sizing and Pressure Loss

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Pictures of Unit with [Guldager Equipment](#) for De-Scalled 6°dH and 0°dH as well as Osmosis Unit. Unit lifted in during early Erection Phase.

Cabling ready for Hook-up to MCC Cabinet and Remote I/O.