

# Demineralisation of drinking water

*Piding*

**Customer** Milchwerke Berchtesgadener Land Chiemgau eG (dairy processing plant)

**System** Reverse osmosis system for the boiler feed water of a steam boiler system

## Specifications

Demineralisation of the drinking water by means of reverse osmosis systems, designed in redundant version, with residual permeate softening downstream to comply with the limit values for shell boilers in accordance with DIN-EN-12953-10.



## Scope of supply

- 2 Reverse osmosis systems with a permeate capacity of 8 m<sup>3</sup>/h each, including Profibus modules and dosing systems to add antiscalant
- 1 Pure water tank with a volume of approx. 10 m<sup>3</sup>
- 1 Twin pressure booster system with frequency converters
- 2 Permeate water softeners with Profibus modules and residual hardness monitoring downstream

## Grünbeck's services

Process design, mechanical and electrical engineering, programming, manufacturing and start-up