

Chihuahua

Power Plant Boiler Feed Water Make-up

Year: 1999

Start-Up Date: 9/2001

Client/Owner: Chihuahua, Mexico

Engineer: DHT

Location: Chihuahua, Mexico



Application: Boiler make up for steam generators

Scope of Work: Design and supply Dual media filters, R.O system, Decarbonator, CIP system, Chemical dosing system, heat exchanger, Demineralizer, Neutralization system and a wastewater system.

Operation Feed water: Well water

Data: Permeate TDS: 20 mS/cm

Permeate flow: 220 gpm

Final product: 14 M ohm

System Recovery: 70%

Capacity: 317,000 GPM

Project Summary: This contract was to design, procure, manufacture and supply a complete water treatment system for the use of boiler make up. This system was a zero liquid discharge system that was implemented; training of personnel was done after successful commissioning.

