

## Compania Minera Milpo

### Power Plant Boiler Feed Water Make-up



**Year:** 2007

**Start-Up Date:** 11/2007

**Client/Owner:** Milpo Mining Company

**Engineer:** DHT

**Location:** Lima, Peru



**Application:** Industrial Plant Use

**Scope of Work:** Design, manufacture, supply, install, and start-up pre-treatment media filtration, 3-pass SWRO system, post lime treatment, sea water intake system, and transmission included.

**Operation Data:** Feed water TDS: 36,000, Permeate TDS: < 500, Permeate flow: 190 GPM/train, Recovery: 40% 252 Total SWRO Membranes, Other: 12 vessel/train, Feed Press = 36 Bars, Toray TM820 - 400, Sea water Intake supply

**Capacity:** 3 X 823,680 GPD

**Project Summary:** DHT, from start to finish, supervised installation of new equipment and pipings, sea water intake piping and pump system, supplied/supervised/installed pre and post-treatment dosing equipment, and supplied/installed/ and started all instrumentation and control requirements for the systems automation.