

# Yanbu Reverse Osmosis Desalination Plant

Yanbu Desalination Plant is located at Yanbu, in the Kingdom of Saudi Arabia. The project consists of a Reverse Osmosis (RO) desalination plant and four Multi-Stage Flash (MSF) desalination units and auxiliaries. The MSF units require a large quantity of pipes to be installed for both above ground and underground applications.

Shurjoint #SS-8X 1" Stainless Steel couplings as well as 1" caps were specified for the RO systems in August, 2006, as they offer a restrained joint for use with Sch. 80S extra heavy carbon steel pipe, have a cut grooved end, and meet the 70 bar high pressure engineering requirements. Both couplings and caps are made from 254SMO type stainless steel with excellent resistance to pitting and crevice corrosion.



## location

Yanbu, K. S. A.



## year

2007

## application

Fire protection

HVAC

## productline

VSH Shurjoint

## architect

Industry

