

# BELZONA 1212 KEEPS RO WATER FLOWING

ID: 6304

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Stainless Steel 317 grade  
Products: \* Belzona 1212 ,

Customer Location: Thermal power plant, Warora, India  
Application Date: August 2016

## Problem

Water leakage at 5-6 kg/cm<sup>2</sup> at 7 numbers of circumferential joints from inlet pipe of SAM turbo pump.



## Photograph Descriptions

\* 1. SAM Turbo Pump before repair 2. Wetting the surface with Belzona 1212 3. Finished repair ,

## Application Situation

Pumping system in Reverse Osmosis (RO) water plant at a 2X300 MW Coal based power plant.

## Application Method

Application was carried out in accordance with Belzona System Leaflet VPF-11. Leakages located on-line under operation. Surface preparation with hand grinder to prepare the substrate. Belzona 1212 incorporating two wraps of Belzona 9341 applied with system offline. System allowed to cure for 3 hrs at 30°C before bringing system back online.

## Belzona Facts

Belzona repair was fastest option ensuring power generation was not interrupted.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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