

Belzona Protects an Alstom Seawater Pump Valve

ID: 8786

Industry: Power

Application: PDP-Positive Displacement Pumps

Customer Location: Jorf Lasfar, Morocco

Application Date: November 2020

Substrate: Cast Iron

Products: * Belzona 1111 (Super Metal) Belzona 9341 (Reinforcement Sheet) Belzona 1321 (Ceramic S-Metal) ,

Problem

The valve on an Alstom sea pump suffered from erosion due to sea water and needed to be repaired and protected against future wear along with other parts of the pump.



Photograph Descriptions

* 1). Belzona 1111 pushed into the surface profile with a bristle brush. 2). Belzona 1111 & Belzona 9341 reinforcement sheet is added to provide strength. 3). Completed Belzona 1311 rebuild repair. 4). Completed application overcoated with Belzona 1321. ,

Application Situation

Sea pump valve at a Thermal Power Plant.

Application Method

The valve was rebuilt on the inside using Belzona 1111 and then reinforced using Belzona 9341 before being overcoated using Belzona 1321. The application was carried out in accordance with Belzona System Leaflet PDP-05.

Belzona Facts

The turbine is still in service today and is holding up well to it's operational environment - the customer therefore approves of the quality of the repairs and durability of the Belzona products used.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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