

BELZONA REPAIRS HYDROGEN COOLERS AND PIPING

ID: 197

Industry: Power
Application: HEX-Heat Exchangers
Substrate: Steel
Products: * Belzona® 1121 (Super XL-Metal) ,
* Belzona® 1341 (Supermetalgilde) ,

Customer Location: Power plant in Texas, U.S.A.
Application Date: May 1999

Problem

Years of erosion-corrosion on uncoated turbine cooler parts forced this customer to seek a repair solution as opposed to the high costs associated with replacement.



Photograph Descriptions

- * Close-up of erosion-corrosion in hydrogen coolers ,
- * Erosion-corrosion in hydrogen piping ,
- * Cooler heads being rebuilt with Belzona® 1121 ,
- * Finished pieces overcoated with Belzona® 1341 ,

Application Situation

Erosion-corrosion on hydrogen coolers and piping

Application Method

Application was carried out out in accordance with Belzona Know-How System Leaflets HEX-2 and VPF-2.

Belzona Facts

Use of Belzona® 1121 (Super XL-Metal) overlayed with Belzona® 1341 (Supermetalgilde) allowed the hydrogen coolers to be repaired in a two-day process.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

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manufactured under an ISO
9000 Registered Quality
Management System.

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