

Condenser Rubber liner repaired with Belzona

ID: 7868

Industry: Power
Application: GSS-Gaskets, Seals and Shims
Substrate: Rubber & Steel
Products: * Belzona 2111 (D&A High-Build Elastomer) ,
* Belzona 2911 (Elastomer QD Conditioner) ,
* Belzona 1111 (Super Metal) ,

Customer Location: Power plant - Takoradi, Ghana
Application Date: October 2018

Problem

Existing condenser rubber liner peels off and corrosion starts to attack the metallic surface.



Photograph Descriptions

- * Before the surface prep and application of Belzona 2111 and Belzona 1111 ,
- * After Surface preparation using bristle blaster ,
- * After the application of Belzona 1111 ,
- * After view when Belzona 2111 was applied ,

Application Situation

Rubber liner of a Steam Condenser

Application Method

Application was done in accordance with Belzona System leaflets GSS-1 creating gaskets. After surface was prepared, we notice some amount of metal has been lost. Metallic surface was rebuilt with Belzona 1111. Elastomeric conditioner was applied on the next day, then Belzona 2111 (D&A High-Build Elastomer) was applied, using an applicator and brush.

Belzona Facts

The rubber liner was rebuilt with Belzona 2111 and is currently lasting and performing well when steam condenser is in service. The cost to repair is lower as compared to purchasing a new steam condenser for power generation. Belzona 2111 (D&A High-Build Elastomer) was selected because of the properties with respect to operating parameters.

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

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