

BELZONA RESTORES SAFETY VALVE SEAL

ID: 1068

Industry: Power
Application: GSS-Gaskets, Seals and Shims
Substrate: Steel
Products: Belzona® 2131 (D&A Fluid Elastomer)

Customer Location: Power plant, Bulgaria
Application Date: June, 2005

Problem

Damaged mating surface in the safety valve was allowing back-flow of water



Photograph Descriptions

* The safety valve plate , * The inner and outer forming rings put on the valve plate , * Belzona® 2131 poured in the gap between two forming rings , * The top forming plate clamped to form precise mating surface ,

Application Situation

Safety valve in cooling water system

Application Method

Application was carried out in accordance with Belzona Know-How Leaflet GSS-1. Two forming rings(inner and outer to the valve diameter) were used to create the diameter profile and top plate used to form actual sealing face.

Belzona Facts

New valves were not available so the sealing surfaces were removed and Belzona® 2131 moulded to the original sealing profile. Belzona provided fast return to service. The alternative hot vulcanization required special equipment and extra time.

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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