

# 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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