

BELZONA RESTORES SAFETY VALVE SEAL

ID: 1068



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Power plant, Bulgaria

APPLICATION DATE

June, 2005

PRODUCTS

Belzona 2131 (D&A Fluid Elastomer)

SUBSTRATE

Steel

PHOTOS

1. The safety valve plate
2. The inner and outer forming rings put on the valve plate
3. Belzona 2131 poured in the gap between two forming rings
4. The top forming plate clamped to form precise mating surface

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

