

BELZONA REPAIRS MULTI-STAGE PUMP

ID: 8683



PROBLEM

The process fluid had, over time, worn away the existing lining and damaged the substrate.

APPLICATION SITUATION

A multi-stage pump operating in a power station was badly worn, resulting in efficiency losses. A solution was required to rebuild the substrate and increase its efficiency.

APPLICATION METHOD

The substrate was prepared using grit blasting to a SA2.5 cleanliness standard and an average surface profile in excess of 75 microns. Belzona 1111 (Super Metal) was then applied to restore the substrate followed by the application of Belzona 1341 (Supermetalglide) to provide long term protection. System leaflet CEP-03

BELZONA FACTS

Belzona had previously coated other multi-stage pumps at this power plant, so the asset owners requested this pump was also repaired with Belzona.

INDUSTRY

Power

LOCATION

South Africa

APPLICATION DATE

2021

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1341 (Supermetalglide)

SUBSTRATE

Steel

PHOTOS

1. Before Repair
2. After Blasting
3. Rebuilt
4. Finished application

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

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