

BELZONA REPAIRS MULTI-STAGE PUMP

CUSTOMER
South Africa

APPLICATION DATE
2021

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.

PROBLEM

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

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341 (Supermetalglide)

SUBSTRATE

Steel

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.

PICTURES

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



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

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