

BELZONA PROTECTS LARGE COOLING WATER PUMP

ID: 271



PROBLEM

Cavitation and general erosion-corrosion damage had reduced the pumps efficiency to unacceptable levels. The plant has a limited power supply and was looking for all ways to reduce demand.

APPLICATION SITUATION

1.5 meter diameter suction split casing pump handling a 20 meter head of sea water.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-2, CEP-3, CEP-5, and CEP-10.

BELZONA FACTS

Belzona® 1341 not only restored the original efficiency, but provided reduced power demand. This was more important to the plant than cost because of the lack of power available.

INDUSTRY

Chemical & Petrochemical

LOCATION

Petrochemical plant in Saudi Arabia.

APPLICATION DATE

March 2001

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast iron

PHOTOS

1. General view of the pump installation
2. The size of pump is clearly evident
3. Rebuilding work underway
4. Completed application

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.

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