

# BELZONA PROTECTS LARGE COOLING WATER PUMP

ID: 271

Industry: Chemical & Petrochemical

Application: CEP-Centrifugal Pumps

Substrate: Cast iron

Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1341 (Supermetalgilde) ,

Customer Location: Petrochemical plant in Saudi Arabia.

Application Date: March 2001

## 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.*



## Photograph Descriptions

- \* General view of the pump installation ,
- \* The size of pump is clearly evident ,
- \* Rebuilding work underway ,
- \* Completed application ,

## 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.

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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manufactured under an ISO  
9000 Registered Quality  
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