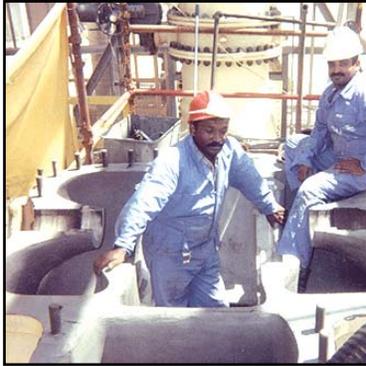


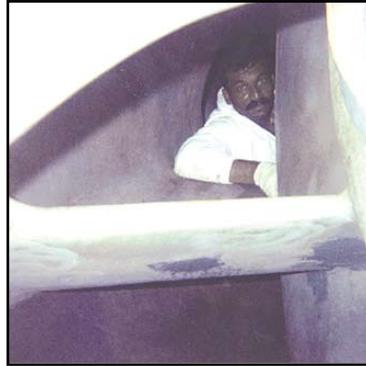
## Belzona Protects Large Cooling Water Pump



General view of the pump installation.



The size of pump is clearly evident.



Rebuilding work underway.



Completed application.

### STATISTICS

#### CUSTOMER

Petrochemical plant,  
Saudi Arabia

#### APPLICATION DATE

March 2001

#### SUBSTRATE

Cast iron

#### PRODUCTS

Belzona® 1111  
(Super Metal)  
Belzona® 1341  
(Supermetalgilde)

#### APPLICATION SITUATION

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

#### 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 METHOD

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