## INDUSTRIAL WASTEWATER IMPELLERS REPAIR

Industry:
Water / Wastewater
Application: CEP-Centrifugal Pumps
Substrate: Cast iron
Products: * Belzona ${ }^{\otimes} 2111$ (D\&A Hi-Build Elastomer),

* Belzona 2121 (D\&A Hi-Coat Elastomer),

Customer Location: Industrial wastewater plant, Egypt Application Date: April 2003

## Problem

The edges of impellers were broken due to impact, abrasion and corrosion.


## Photograph Descriptions

* The broken edges of the impellers,
* Steel sheets inserted to form the leading edges,
* Edges were formed by Belzona® 2111 ,
* Final application, coated by Belzona ${ }^{\circledR} 2121$,


## Application Situation

Wastewater impellers (three)

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-3 and CEP-5.

## Belzona Facts

The impellers were re-formed and protected with an impact and abrasion-resistant Belzona Elastomer System.

