

# BELZONA INSITU RESTORATION OF SHAFT IN WASTEWATER PLANT

ID: 4047

Industry: Water / Wastewater  
Application: MPT-Mechanical Power Transmission

Customer Location: Water treatment plant, Fayoum, Egypt  
Application Date: 2008

Substrate: Steel  
Products: \* Belzona® 1111 (Supermetal) ,

## Problem

*Shaft had become worn and needed insitu repair.*



## Photograph Descriptions

- \* Worn shaft ,
- \* Former treated with Belzona Release Agent ,
- \* Application with split former in place ,
- \* Former removed and shaft ready to be returned to service ,

## Application Situation

Damaged shaft on rotary filter at wastewater station

## Application Method

This application was carried out in accordance with Belzona System Leaflet MPT-2.

## Belzona Facts

Repairing shafts using forming technique provides a smoother finish than machining and more importantly can avoid the need to dismantle and remove the plant equipment from its location.

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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