

Belzona Realigns a Pump in a Chemical Plant

ID: 7871

Industry: *Chemical & Petrochemical*
 Application: *SOS-Ships and Offshore Structures*

Customer Location: *France*
 Application Date: *2017*

Substrate: *Concrete and steel*
 Products: ** Belzona 4111 (Magma-Quartz),*
** Belzona 4911 (Magma TX Conditioner),*
** Belzona 7111 (Industrial Grade),*

Problem

A pump sitting on a concrete block was no longer properly aligned causing shear stress.



Photograph Descriptions

- * Showing damage. ,
- * After the surface preparation. ,
- * Belzona 4111 applied. ,
- * Belzona 7111 applied. ,

Application Situation

Damaged concrete block underneath a pump.

Application Method

All the broken pieces of concrete were taken off the concrete block, then, the surface of the steel and the remaining concrete were prepared. A thin layer of Belzona 4911 was then applied and allowed to become touch dry. A wooden frame was used to rebuild the

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ISO 9001:2015
 FS 695214
 ISO 14001:2015
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concrete block with Belzona 4111 first. Then, Belzona 7111 was poured into the remaining space between Belzona 4111 and the equipment. The application was carried out in accordance with a modified version of Belzona System Leaflet SOS-8.

Belzona Facts

After 18 months in service, the equipment was still perfectly aligned.

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