

BELZONA REBUILDS DAMAGED PUMP FLANGE

ID: 5193



PROBLEM

The cast iron pump casing had fallen off a pallet breaking part of the flange.

APPLICATION SITUATION

Broken flange on pump

APPLICATION METHOD

Application carried out in accordance with a modified version of Belzona Know-How System Leaflet FPA-1

BELZONA FACTS

After tapping a number of holes along the broken flange edge, a reinforcement cage was bonded into place around the edge using a welding rod to provide some structural integrity to the area to be rebuilt. Once in place the various pieces were tack welded together.

INDUSTRY

Mining & Quarrying

LOCATION

BC, Canada

APPLICATION DATE

February 2004

PRODUCTS

Belzona 1311 (Ceramic R Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Diagram showing support cage fabricated for the damaged area
2. Rebuilding in progress
3. Rebuilt flange

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