

BELZONA REPAIRS PITTED ENGINE CYLINDERS

ID: 7553



PROBLEM

Weld repairs would be problematic & time consuming on this area. They would also not solve the original issue of corrosion.

APPLICATION SITUATION

An engine block for a tugboat was found to have pitting around the cylinders.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet ENC-5 and ENC-6. The areas were grit blasted before Belzona 1111 was used to build up the pitted areas. The material was built up proud of the areas & then machined back on a large lathe.

BELZONA FACTS

The Belzona repairs rebuilt the lost metal with no risk of distortion or further damage to the casing. Belzona 1111 being corrosion resistant ensures a long term repair free from the original corrosion problems.

INDUSTRY

Marine

LOCATION

Shipyards, Glasgow, Scotland

APPLICATION DATE

May 2017

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast iron

PHOTOS

1. The Engine block
2. Close up of pitting damage
3. Areas after grit blasting
4. Application of Belzona 1111

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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