

BELZONA REPAIRS SHIPS GENERATOR AFTER WELD REPAIR FAILS

ID: 651



PROBLEM

Damaged generator casing allowing coolant into main sump threatening ships main engine bearings.

APPLICATION SITUATION

Main generator oil sump which is shared with ships main engine. Initial weld repair failed.

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet ENC-1. Particular attention paid to removing all substrate contamination using solvent washing and heat.

BELZONA FACTS

Classic failure of welding cast iron. Ship sails nightly but re-work completed in 5 hours keeping ship on schedule at full power. Customer is delighted with Belzona!

INDUSTRY

Marine

LOCATION

Cruise Line, Port Everglades, Florida

APPLICATION DATE

November 2005

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast iron

PHOTOS

1. Generator with cylinder removed
2. Surface surrounding failed weld roughened
3. Belzona 1111/9341 patch applied over weld repair and extended onto surrounding area
4. Final repair smoothed out and awaiting Infrared lamp to accelerate cure

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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