

BELZONA REPAIRS HOLES IN US NAVY SHIP

ID: 5355



PROBLEM

The bulkhead in the intake plenum has holes rusted through the steel.

APPLICATION SITUATION

A US Navy ship ready for deployment needed a quick repair before leaving.

APPLICATION METHOD

The application was carried out in accordance to a modified version of Belzona Know-How System Leaflet TCC-1. The bulkhead and steel were thoroughly grinded to prepare the surface. Steel doubler plates were bonded over the holes with Belzona 1111.

BELZONA FACTS

Belzona was the only fast and effective solution to the problem. Welding was not allowed. The application was completed without using hot work thanks to Belzona 1111's cold bonding properties.

INDUSTRY

Marine

LOCATION

VA, USA

APPLICATION DATE

2011

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Three holes are shown in the intake plenum. Two large and one small.
2. A thorough grinding of the bulkhead and the steel plates is completed.
3. The completed repair is shown. Belzona 1111 was used to bond the plates over the holes.

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

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