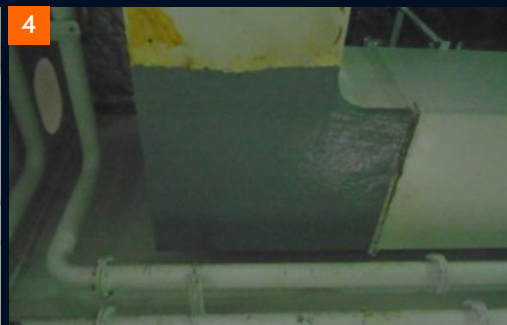
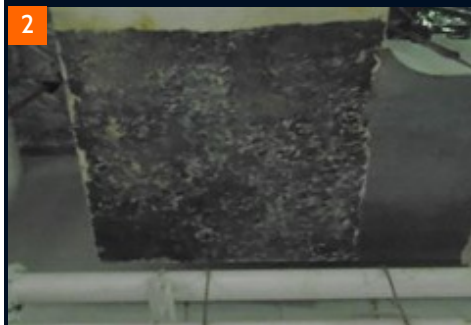


BELZONA REPAIRS DUCT ON FPSO

ID: 7869



PROBLEM

The ER Duct from the compressor was damaged from severe corrosion leading to holes in some areas.

APPLICATION SITUATION

Severe corrosion affected the ER Duct lines creating holes and metal loss. Atmospheric air is the medium that passes through duct.

APPLICATION METHOD

The application was carried out in accordance with Belzona System Leaflet TCC-5 rebuilding and protecting steel work and SOS-2 Erosion - corrosion resistant coatings. The surface was prepared by removing previous coating using a Bristle Blaster and then cleaned with Belzona 9111, then allowed to dry. Belzona 1111 was then applied on the surface to rebuild the lost metal. Once Belzona 1111 was fully cured, Surface was then coated with Belzona 5811 Immersion Grade to prevent surface corrosion.

BELZONA FACTS

The alternative would have been remove the existing damaged ER Duct lines and then replace with new ones. This would have been very expensive and time consuming, in addition to requiring shutdowns. Downtime would have been a major concern as well as the possibility of galvanic corrosion from dissimilar metals when welding was introduced.

INDUSTRY

Oil & Gas

LOCATION

Ghana

APPLICATION DATE

June 2018

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Steel

PHOTOS

1. General view of the ER Duct.
2. Surface preparation on the ER Duct.
3. Application of Belzona 9111 degreaser-cleaner.
4. Applied Belzona 1111 to rebuild lost metal and Belzona 5811 to protect surface corrosion.

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.

www.belzona.com

