

BELZONA REFURBISHES TRAIN DIESEL TANK

ID: 6066



PROBLEM

Moisture was entering the gap between the steel tank and the fibreglass coating, resulting in corrosion damage and leading to pitting and holes.

APPLICATION SITUATION

Steel diesel tank originally coated in fibreglass in order to protect the metal against sparks.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-1. The fibreglass coating was grit blasted away. Metal plates were then cold bonded over the defects using Belzona 1121 and the tank then re-coated with GRP, painted black and refitted onto the trains.

BELZONA FACTS

This solution allowed the company to avoid hot repair weld techniques. Following initial application, Belzona 1121 has been incorporated into the client's specified solution for diesel tank repairs and is now a company approved repair method.

INDUSTRY

Transport

LOCATION

Leicestershire, UK

APPLICATION DATE

2015

PRODUCTS

Belzona 1121 (Super XL-Metal)

SUBSTRATE

Steel

PHOTOS

1. The corroded diesel tank before treatment
2. Lower portion of the tank prior to treatment
3. Tank plate-bonded with Belzona 1121 and coated in GRP
4. Repaired tank refitted to train

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