

Belzona repairs transformer cooling fins

ID: 9524

Industry: Power

Customer Location: Scotland

Application: TCC-Tanks and Chemical Containment Areas

Application Date: May 2017

Substrate: Carbon steel

Products: Belzona 1161 (Super UW-Metal), Belzona 5831 (ST-Barrier)

Problem

Transformer cooling fins had become corroded from water collecting on the fins edges & started to leak



Corroded sections



Belzona 1161 plate bond



Repaired section



Areas overcoated with Belzona 5831

Application Situation

Welding was not possible due to the oil in the fins. By using a cold applied system repairs could be undertaken promptly & safely

Application Method

The fins were prepared using Dremel type tools & small grinders. 'U' shaped doubler plates were then bonded using Belzona 1161 UW Metal on the most corroded fins. All areas were then overcoated using Belzona 5831 to provide corrosion protection.

Belzona Facts

Dozens of plate bonds have now been done at this site with very little disruption to operations.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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