

Customer Chemical Company, North West
Sector Chemical / Petrochem
Date Feb 2012
Ref no. 20033

APPLICATION EXAMPLE

Distiller repairs – protective coating applied to multi-bubbler hood – confined space

Situation

The multi-bubbler hoods were found to have surface corrosion due to chemical attack at high temperatures. Although still functional, it was decided that a prudent repair would be to coat the bubbler hoods to prevent more severe corrosion over the coming years.

Implication

Left unprotected it was only a matter of time before the bubbler hoods would become holed and thus less efficient in service.

Solution

The bubbler hoods were blasted to SA2.5 and re-inspected. A 900 micron layer of Resimac 205 HT ceramic coating was applied to protect the substrate from further corrosion.

Facts

The vessel was taken off line for the three year pressure vessel inspection and for repairs to the structure. This preventive repair will ensure that there will be minimum repairs needed the next time it comes off line.

