

SuperWrap II application to GFRP Spools

ID: 9364

Industry: Power

Customer Location: Uniper UK Limited

Application: VPF-Valves, Pipes and Fittings

Application Date:

Substrate: GFRP

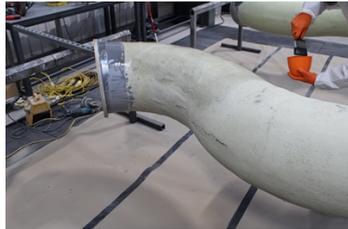
Products: Belzona 1111 (Super Metal), Belzona 1983 (SuperWrap II)

Problem

Deteriorated / aged GFRP pipe spools that in turn have cracked at the flange to pipe spool area and are leaking



GRP Pipe Showing Crack



Plates cold bonded over cracked area



SuperWrap II In progress



Wraps Completed

Application Situation

This application provided a fast turnaround (4 working days) which meant minimal impact on site functions

Application Method

Frost blasted using conventional blasting within the BUK blast facilities. Cold plate bonded using Belzona 1111 (Super Metal) then SuperWrap II applied utilising 84mm wide sheet due to geometry.

Belzona Facts

GRP can be brittle and prone to cracking or breaking under sudden impact. This can be a concern in applications where the material is exposed to high stress or impact loads. By applying our SuperWrap II system these concerns can be eliminated.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

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FS 695214

manufactured under an ISO

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