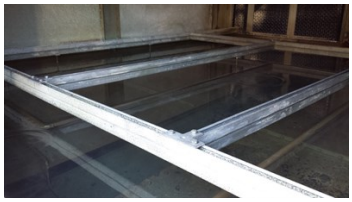
BELZONA TERMINATES ATTACK FROM CHILLER TREATMENT CHEMICALS

ID: 6073

Industry:	*General Industry*	Customer Location:	*Pharmaceutical Plant, UK*
Application:	*TCC-Tanks and Chemical Containment Areas*	Application Date:	*2014*
Substrate:	*Carbon Steel and Galvanized Steel*		
Products:	** Belzona 5811 (Immersion Grade) ,*		

Problem

The galvanised steel and carbon steel surfaces of these tanks were being attacked by the chemicals that were being used to keep Legionnaires' disease in check and from corrosion. It was understood that without action, the tanks would start to leak and so all six tanks were to be coated in phases.



Photograph Descriptions

* Chiller units ,
* Lower tanks during initial inspection in 2014 ,
* Condition of tanks close-up before coating ,
* Tanks protected with Belzona 5811 in 2014 ,

Application Situation

Lower tanks of chiller units suffering attack from Legionella treatment chemicals.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After grit blasting the surfaces, Belzona 5811 was applied by brush in two coats. Only two tanks at a time could be shut down, so the six tanks were coated in phases.

Belzona Facts

Belzona 5811 offers a simple, solvent free application, which is perfect for work in confined spaces. Once cured, the coating is ideal for permanent immersion in aqueous solutions and will not harbour bacteria. It is also available in a Potable Water grade if the client needs to comply with drinking water approvals. The tanks were inspected again in 2016 and found to be in perfect condition.

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

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