

BELZONA TERMINATES ATTACK FROM CHILLER TREATMENT CHEMICALS

ID: 6073



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.

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.

INDUSTRY

General Industry

LOCATION

Pharmaceutical Plant, UK

APPLICATION DATE

2014

PRODUCTS

Belzona 5811 (Immersion Grade)

SUBSTRATE

Carbon Steel and Galvanized Steel

PHOTOS

1. Chiller units
2. Lower tanks during initial inspection in 2014
3. Condition of tanks close-up before coating
4. Tanks protected with Belzona 5811 in 2014

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