Products and services for engineers in the process industries

Search 30,758 articles from 2,956 suppliers

Google

Processingtalk

Search

Homepage

Process plant and equipment

Tanks, pipework, nozzles, tube fittings

Belzona Polymerics

First visit to Processingtalk? | RSS feeds | Submit your news | Become an advertiser | Newsletter sign up

Browse by category

Plant instrumentation (7732)

Process control and management (3475)

Communications and HMI (3357)

Process plant and equipment (8754)

Pressure/temperature regulators, steam traps (183)

Hydraulics and pneumatics (395)

Mixers, blenders, grinders and mills (318)

Filters and centrifuges (205)

Separation and membrane systems (194)

Packaging, conveyors and materials transfer (649)

Cooling and heat tracing, insulation systems (49)

Plant design and construction (322)

Plant inspection and cleaning (337)

Tanks, pipework, nozzles, tube fittings (354)

Welding, cutting and adhesive bonding (405)

Couplings, seals, gaskets (404)

Pumps and pumping systems (830)

Metering pumps and dosing systems (259)

Motors and variable speed drives (757)

Fans and compressors (391)

Bearings, lubrication, oil and filters (553)

Robots and positioning systems (139)

Vacuum pumps and components (45)

Gas atmospheres and generation (84)

Containment systems, leak protection (62)

Air handling: dust and fume extraction (178)

Metal detection and X-ray systems (149)

Power supplies and plant

Trust ARI to keep your process under control

Tel: 01684 275752 www.ari-armaturen.com



Belzona 5851 prevents condensatevessel corrosion

A Belzona Polymerics product story

Ads by Google Food Equipment

More from this company

More from this category

Edited by the Processingtalk editorial team Jun 11, 2009

The Belzona online CUI solution has enabled global energy-giant

Water Tanks

Total to reduce the asset life costs of a number of vessels at its Lindsey Oil Refinery, Immingham.

The initial application at this site remains in good condition, protecting the asset well into its eighth year in service.

In 2001 the client identified areas of corrosion under insulation (CUI) on an outdoor **condensate** vessel.

Left untreated the corrosion could have caused substantial damage but the client did not want to shutdown.

Emlyn Robert, planned works engineer for the Total Lindsey Oil Refinery, said: 'We really wanted to avoid taking this off-line for any substantial period of time but this was not possible with alternative solutions.

'Also we needed to avoid abrasive blasting of the vessel shell while online.

A solution was needed to enable production to continue without risk of deterioration and failure of the vessel, as this would have forced shutdown, costing millions.

The solution came in the form of Belzona 5851(HA-Barrier).

Belzona 5851(HA-Barrier) is a single-component system for protecting metal surfaces subject to CUI.

This heat-activated material can be applied directly onto hot surfaces (70-150C/158-302F) with minimum surface-preparation, avoiding production downtime.

Once cured, Belzona 5851(HA-Barrier) provides outstanding corrosion protection.

In addition, this solvent-free solution provides good impact, abrasion and chemical resistance.

Prior to the application, the areas to be coated were prepared with hand and power-wire brushing tools to remove corrosion.

Total's contractors then applied Belzona 5851 in-situ, directly to the vessel, at a temperature of between 90 and 100C (194 to 212F).

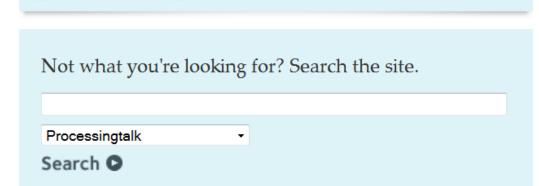
During the application Belzona provided training to Total's contractor team.

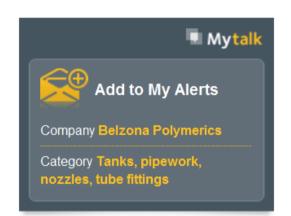
The contractors found the product easy to use, as it required no special equipment and could be applied by brush.

This helped to ensure the work was completed within the original timescale.

Ads by Google Water Systems Pressure Tanks Plastic Tanks Vessels

Send to a friend Print this page Bookmark this page











Contact Belzona Polymerics

0

Company profile and news

Related Stories



Pump doubles ice-cream manufacturer's productivity

Ishida weighers improve food