

INTERNAL JOINT REPAIR TO STAINLESS STEEL PASTEURISER AT A BREWERY

CUSTOMER

Derbyshire, UK

APPLICATION DATE

Mar-22

APPLICATION SITUATION

The internal seal between two sections of the stainless steel pasteurising bottling line had developed a leak.

PROBLEM

A stainless steel pasteurising bottling line had a large leak from a joint. The pasteurizer could not be disassembled to replace the gasket and therefore the only option was to seal the joint in situ.

PRODUCTS

Belzona 1511 (Super HT-Metal)

SUBSTRATE

Stainless Steel

APPLICATION METHOD

All of the exposed mastic material between the joint was removed. The repair area was then mechanically prepared using a hand-held industrial surface preparation tool. Belzona 1511 was then applied to both the joint and pre-formed plates using a stiff brush to eliminate air entrapment. The plates were then bonded onto the substrate.

BELZONA FACTS

Taking the equipment offline would have resulted in a two-week outage for the brewery and replacement of the equipment was estimated at £30,000. The Belzona solution lent itself perfectly to this repair as it could be applied in-situ with no hot work. In addition, Belzona Applicators are trained to work in confined spaces allowing them to safely apply this repair at a fraction of the cost of alternatives.

PICTURES

1. Leaking pasteuriser
2. Surface of the seam prepared prior to repair
3. Belzona 1511 used to bond plates in place
4. Completed repair



1.



2.



3.



4.

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