

BELZONA REBUILDS SHAFT ON BLANCHING MACHINE

CUSTOMER

Frozen Food Manufacturer UK

APPLICATION DATE

February 2005

APPLICATION SITUATION

Bearing seat area of blanching machine shaft.

PROBLEM

Shaft was worn in the bearing area. This increased pressure on the bearings resulting in a very short service life.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

BELZONA FACTS

Previously this shaft had been welded up in position and the bearing seat area rough ground back to size. The shaft cannot be taken out without major strip down so an in-situ repair has to be done. The Belzona forming technique produced the precise required diameter.

PICTURES

1. View of worn bearing seat area on shaft.
2. View of former. A stepped former was required to allow it to clamp and locate onto undamaged areas of the shaft.
3. Former after clamping in position.
4. Completed shaft rebuild using Belzona® 1111. Note the step has been rebuilt as well.



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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