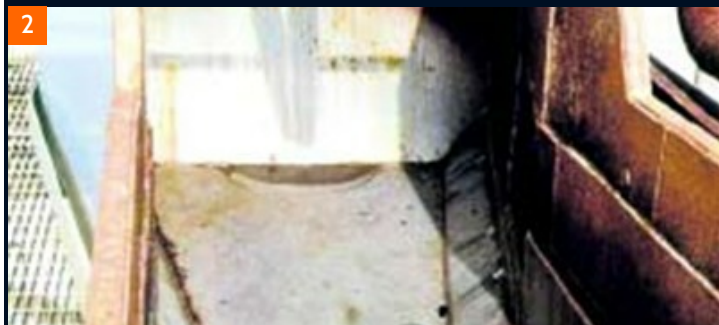


BELZONA 1811 PROTECTS BEET FLUME WELD JOINTS

ID: 223



PROBLEM

Extensive abrasion and eventual failure of the weld seams connecting the steel plates that make up the flume.

APPLICATION SITUATION

The beet flume located between the beet pumps and the stone catcher.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-13.

BELZONA FACTS

Abrasion of the weld seams - if allowed to continue - would have led to impaired operating efficiency. Repair or replacement during the manufacturing campaign would have required significant downtime and resulted in a major loss of revenue. Belzona product lent itself to application within the confines of the flume channel. By applying Belzona to seams in the flumes most vulnerable areas during annual outage, only sacrificial wear of the product takes place during the campaign, thereby leaving the weld seams intact.

INDUSTRY

Sugar

LOCATION

Sugar factory in the United Kingdom

APPLICATION DATE

1999

PRODUCTS

Belzona 1811 (Ceramic Carbide)

SUBSTRATE

Stainless steel plate

PHOTOS

1. General view of the application site
2. Equipment prior to surface preparation
3. Application completed with the Belzona 1811

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

