

BELZONA REFURBISHES RAW JUICE HEATER

ID: 11



PROBLEM

Erosion/corrosion of around tubes on tube sheet surface. Operation of heater proved ineffective and presented a safety hazard.

APPLICATION SITUATION

Raw sugar juice heater

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How Leaflet HEX-1.

BELZONA FACTS

The Belzona repair eliminated the need for machining, which would have been both time consuming and costly.

INDUSTRY

Sugar

LOCATION

Sugar Cane Mill in Australia

APPLICATION DATE

1997

PRODUCTS

Belzona 1311 (Ceramic R- Metal)

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Juice heater.
2. Erosion around tubes.
3. Forming technique used to rebuild and seal around tubes.
4. View of tube sheet surface after one year in service.

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

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The Belzona logo consists of a stylized molecular structure above the word 'BELZONA' in a bold, sans-serif font.