

BELZONA REFURBISHES RAW JUICE HEATER

ID: 11

Industry: Sugar
Application: HEX-Heat Exchangers
Substrate: Cast Iron
Products: * Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Sugar Cane Mill in Australia
Application Date: 1997

Problem

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



Photograph Descriptions

- * Juice heater. ,
- * Erosion around tubes. ,
- * Forming technique used to rebuild and seal around tubes. ,
- * View of tube sheet surface after one year in service. ,

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.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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