# Ash Silo repaired with Belzona 1818

ID: 8535

Industry: Power Customer Location: Coal fired power station, Australia

Application: TCC-Tanks and Chemical Containment Application Date: June 2021

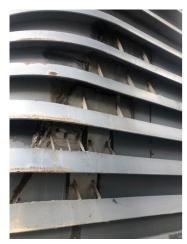
Areas

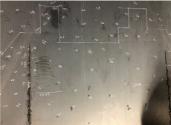
Substrate: 3CR12 grade stainless steel

Products: \* Belzona 1818,

#### Problem

They have been experiencing rapid wear in the bottom part and particularly the Northern wall of the Bottom Ash Silo. The silo is made of 3CR12 grade stainless steel at 8.0mm thick. The wear rate is 0.25mm of wall thickness loss per month. The customer needed a quick solution to protect what metal they had left.









## **Photograph Descriptions**

- \* Picture 1: External view of the damaged Silo,
- \* Picture 2: Internal view of the damaged Silo,
- st Picture 3: Belzona is applying  $\ ,$
- \* Picture 4: Application complete,

#### **Application Situation**

The Power Station is a 750 megawatt coal fired power station.

### **Application Method**

There were areas in the Silo walls that had worn down from 8.0mm to 3.8mm of remaining wall thickness. Rezitech were called to offer a quick solution to reduce the metal loss and protect the remaining substrate. 20 X 1 kg kits of Belzona 1818 were applied.

#### **Belzona Facts**

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

www.belzona.com

