

ASH SILO REPAIRED WITH BELZONA 1818

CUSTOMER

Coal fired power station, Australia

APPLICATION DATE

Jun-21

APPLICATION SITUATION

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

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.

PRODUCTS

Belzona 1818

SUBSTRATE

3CR12 grade stainless steel

APPLICATION METHOD

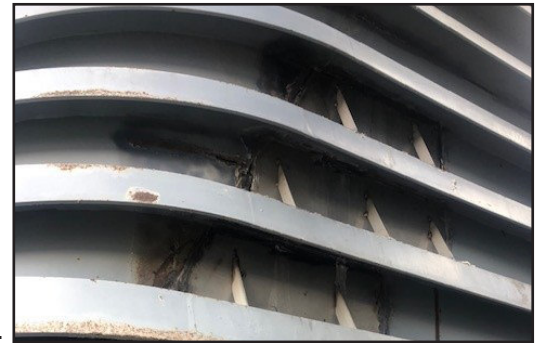
There were areas in the Silo walls that had worn down from 8.0mm to 3.8mm of remaining wall thickness. Rezitech were called to offer a quick solution to reduce the metal loss and protect the remaining substrate. 20 X 1 kg kits of Belzona 1818 were applied.

BELZONA FACTS

The product had to be surface tolerant as there was no time to get abrasive blasting organized and staged three stories up at short notice. Also, the product had to be fast curing as they needed to get back on line as quickly as possible, and of course had to be abrasion resistant. Just the job that Belzona 1818 was designed for.

PICTURES

1. External view of the damaged Silo
2. Internal view of the damaged Silo
3. Belzona is applying
4. Application complete



1.



2.



3.



4.

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

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