Corrocoat USA Case Study: South Georgia Pellet Mill Exhaust Elbow Wear Resistant Lining

The Client

Pellet Mill – South Georgia

The Project

The Internal Lining of the Impact Zone of an Exhaust Elbow

The Solution

The service environment includes excess wood pellets / chips which have been de-moisturized via an evaporator drum, which is upstream from said elbow. The elbow is located approximately 200' from the drum. The average operating temperature at the drum is 214°F, with a maximum operating temperature of 248°F. The pictures at the top of the page show a received condition of the pellet mill, while the one on the bottom displays a finished pellet mill after a skim coating of Plasmet HTE was applied to it.

Results and Benefits

There are numerous benefits from using Corrocoat USA, including:

- Corrosion protection for new and old components
- Increased flexibility of process systems
- Ability to reinstate scrap components using composite repairs.
- Single Source Responsibility
- Reduced refurbishment times
- Long term service life

Credentials

Corrocoat has been providing cost effective corrosion prevention control methods and materials for over 30 years and enjoys a proven track record in solving corrosion-related problems throughout industry. We operate across five continents from more than thirty locations worldwide.

Using materials tailored to meet the demands of specific environments and problems, we offer comprehensive repair, protection and maintenance solutions, with the flexibility to respond swiftly and positively to individual requirements.

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