

Location:

Beulah, ND

Market:

Power - Conventional

Substrate:

Steel

Surface Prep:

Water Blast 3000-4000 PSI

Exposure:

Exterior Weathering - moderate
industrial exposure - chemical
environment

Dakota Gasification

Area Coated: Exterior Coating

- First Coat: Rustbond
- Second Coat: Carbomastic 15
- Third Coat: Carbothane 133 HB

Project Description:

A building exterior within the plant was in need of recoating for long term protection.

Project Challenge:

This building had experienced a previous coating failure when trying to overcoat the existing coating system. The building was in poor shape, and a surface tolerant overcoat system needed to be selected which would not fail prematurely. Abrasive blasting was not available as a surface preparation method.

Coating Selection Explanation:

The Rustbond / Carbomastic 15 / Carbothane 133 HB system was chosen as an overcoat system for the building. A water blast of 3000-4000 psi was chosen as the primary surface preparation method.

Additional Information:

The pictures below were taken 10 year after the system was applied. The owner is overly impressed with how it has adhered and performed over the years.

