

BELZONA PROTECTS BLAST FURNACE SCRUBBER

ID: 1203

Industry: General Industry
Application: TCC-Tanks and Chemical Containment Areas
Substrate: steel
Products: Belzona® 1321 (Ceramic S Metal)<div>Belzona® 1341 (Supermetalglide)</div><div>Belzona® 5811 (Immersion Grade)</div>

Customer Location: Steel Plant, Alabama
Application Date: 2005

Problem

Blast Furnace gases and particulates had corroded the original venturi scrubber. Items were building up on the steel and the lower portions were eroding due to abrasion.



Photograph Descriptions

* Overview of the blast furnace and the scrubber , * Beige Belzona® 5811 applied and Belzona® 1341 and darker blue Belzona® 1321 being applied , * Spark testing the Belzona® 1341 , * View of the completed project ,

Application Situation

New blast furnace Scrubber being fabricated and in need of corrosion and erosion protection.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. Belzona® 5811 was sprayed over the entire vessel as a holding primer. On the intake of the vessel Belzona® 1341 was used for build up problems. Belzona® 1321 was used in the high erosion areas.

Belzona Facts

Due to Belzona® 1341 lasting in the piping going to the scrubber, the client asked for the Belzona® 1341 to coat the entire scrubber vessel. Belzona® 1321 used to give extra abrasion resistance where required.

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.

www.belzona.com

BELZONA
Repair • Protect • Improve