

Flange Face Rebuilding with Belzona 1111

ID: 9750

Industry: Oil & Gas
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon steel
Products: Belzona 1111 (Super Metal), Belzona 9411 (Release Agent)

Customer Location: Dammam, Saudi Arabia
Application Date: January 2025

Problem

The customer was face loss of metal due to wear over the flange face



Surface preparation is done over the flange face before the rebuilding

Surface preparation with power tools to prepare the surface

Final stage after rebuilding using a former

After the former removal, the final stage of rebuilding

Application Situation

Customer rents separators to oil and gas fields; an IDLE time of separator is per day thousands of dollars lost, so the customer approached us to save the day and repair their flange faces in one day to get his equipment back to site.

Application Method

We used power tools for surface preparation, and we roughened the surface to create an anchor for the Belzona 1111; we formed a former of 2 and 3 inch , used Belzona release agent and applied the Belzona 1111 over the flanges

Belzona Facts

We saved a customer thousands of dollar in daily operation and we were able to get his order back in 2 days for service. We gained

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FS 695214
ISO 14001:2015
EMS 695213

Belzona products are
manufactured under an ISO
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his trust, and we will be able to perform flange face repairs in the future.

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