

Condenser Cave In

ID: 10021

Industry: Power
Application: HEX-Heat Exchangers
Substrate: Carbon steel
Products: Belzona 1121 (Super XL-Metal), Belzona 5821

Customer Location: Louisiana
Application Date: October 2025

Problem

Side wall had caved in and leaking. Plant replaced wall with new metal. We then applied Belzona 1121 for rebuild and coated complete internals with Belzona 5821.



New metal work installed on condenser

Existing internal metal before preparing for coating

Substrate after applying Belzona 1121

Substrate after applying Belzona 5821

Application Situation

Cost of total Belzona installed lining was \$50,948 and only two days on application. We had them back up three day's ahead of schedule. Saving over \$200,000.

Application Method

Grit blasted with Black beauty to SP-10, wiped down with MEK, applied 120 kg's of Belzona 1121 and two coats of Belzona 5821

Belzona Facts

Saved the plant three days on schedule and \$200,000.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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