

# Condenser Cave In

ID: 10021

Industry:	Power	Customer Location:	Louisiana
Application:	HEX-Heat Exchangers	Application Date:	October 2025
Substrate:	Carbon steel		
Products:	Belzona 1121 (Super XL-Metal),Belzona 5821		

### 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
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### 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	Belzona products are
FS 695214	manufactured under an ISO
ISO 14001:2015	9000 Registered Quality
EMS 695213	Management System.

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