

# Steam Valve Raised Flange Face Rebuild

ID: 9903

Industry: *Chemical & Petrochemical* Customer Location: *Ilderton Ontario*  
Application: *VPF-Valves, Pipes and Fittings* Application Date: *July 2025*  
Substrate: *Carbon steel*  
Products: *Belzona 1511 (Super HT-Metal), Belzona 9111 (Cleaner Degreaser), Belzona 9411 (Release Agent)*

## Problem

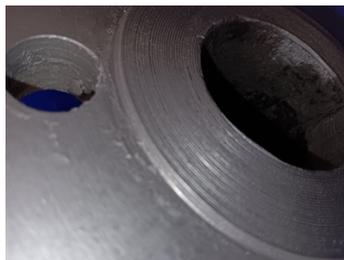
*Raised flange face was showing signs of corrosion and was leaking past the gasket.*



Flange face ready for preparation



Flange face rebuilt using Belzona 1511, 9411 with customer supplied former.



Flange face 1511 rebuild cured and ready for clean up



Rebuilt raised flange face complete and ready for installation and back into service.

## Application Situation

The customer again decided to use a Belzona product for the rebuilding of the flange face for this was a cost saving to the companies customer instead of purchasing a new valve.

## Application Method

Tooling used cabinet blaster, pencil grinder, machining files flat and round and also the Belzona product mixing tooling

## Belzona Facts

Belzona has saved the customer thousands of dollars in operation cost, down time and from needing to purchase a new valve. We have gained the trust of our customer and he will perform many more flange face repairs in the future.

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

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