

# BELZONA REPAIRS CROSS THREADED FITTINGS WITHOUT MACHINING

ID: 300

Industry: *Pulp & Paper*  
Application: *ENC-Engines and Casings*  
Substrate: *Steel*  
Products: *\* Belzona® 1111 (Super Metal) ,*

Customer Location: *Austrian paper mill*  
Application Date: *April 1992*

## Problem

*Operator error in cross threading the inlet fittings in the casing of two steel venturi eductor nozzles damaged the units and were unable to function properly.*



## Photograph Descriptions

- \* View of damaged venturi casing ,
- \* View of eductor nozzles during forming process ,
- \* Completely reformed threads ,

## Application Situation

Steel venturi eductor nozzles.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet ENC-2.

## Belzona Facts

Belzona® 9411 (Release Agent) was applied to the male threaded fitting and allowed to dry for at least 20 minutes. Belzona® 1111 (Super Metal) was then applied to the threads of both the male and female components and brought together immediately. Following full cure, the fittings were removed to reveal perfectly reformed threads without machining.

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

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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