

# SF6 gas leak repair with Belzona

ID: 8533

Industry: Power  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Steel  
Products: \* Belzona 1161 (Super UW-metal) ,  
\* Belzona 5831 (ST-Barrier) ,

Customer Location: Wind farm, Australia  
Application Date: May 2021

## Problem

SF6 gas leaks were observed on flanges and needed to be sealed to prevent further leakage of this extremely potent greenhouse gas.



## Photograph Descriptions

- \* Picture 1: Wind farm ,
- \* Picture 2: Leaking flange ,
- \* Picture 3: Application of Belzona 1161 & 5831 ,
- \* 4: Completed flange gas leak repair ,

## Application Situation

In a wind farm in Australia, SF6 gas leaks were observed on flanges and needed to be sealed.

## Application Method

Surface was prepared with power tools, such as bristles blasters and grinders to achieve a good profile for the Belzona to adhere. Belzona 1161 and reinforcing tape was applied around the outside of the flange. Then all nuts and bolts were coated with Belzona 1161. Belzona 5831 was then applied over the Belzona 1161 repair area to ensure a good seal and dress up the application

## Belzona Facts

8 Flanges were successfully repaired, the client was happy and additional repairs will be carried out soon.

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

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