

CASE STUDY:

GIS line protection

OVERVIEW

In late 2021 we managed to get back to our bread and butter and were contracted to protect Gas Insulated Switchgear lines in the North East of England. The Z-FP coating was used to protect the gaskets in the joints in the lines from cracking and leaking SF6 gas to atmosphere.

This was a “back to basics project, covering 2 weeks and 87 joints all worked from MEWP.

The Objective

Leaking GIS lines is a huge problem all over the world, and with the effects of SF6 on the environment and the cost to purchase, preventing any leaks is a priority for some companies. The ZCD objective was to prevent any future leaks and provide 10 years of protection.

The Project

2 person, 2 week project consisting of 87 various sized GIS flanges, from 36” joints to 12” hatches.

All joints were cleaned using standard solvent cleaning system, to remove old TorWax from the joints.

Once cleaned, 3 coats of grey Z-FP was used, without the need for Z-VP or scrim.

All coating were carried out from MEWP

Technical/Project Approach

Deliverable	Description	Deliverable	Description
Manpower	2 x ZCD technicians,	Budget	Under budget. Quoted for 3 weeks, was finished in 2, due to long days and good weather.
Duration	11 days	Equipment	application equipment. MEWP
Material Used	110 litres Z-FP grey	Site issues	None. Project went without issue.



ZEROSION

Corrosion Defense LLC



ZEROSION

Corrosion Defense LLC



ZEROSION

Corrosion Defense LLC



ZEROSION

Corrosion Defense LLC

