CASE STUDY: GAS PIPELINE

LOCATION: WEST MIDLANDS UK

MARKET: UTILITIES

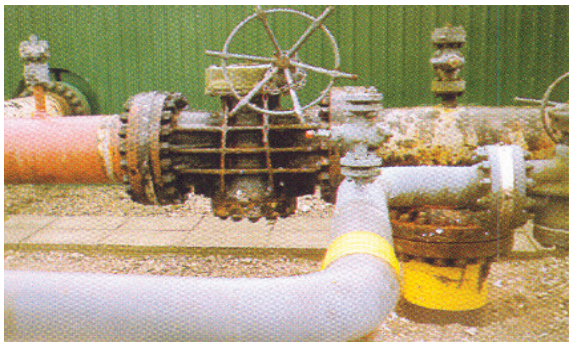
REQUIREMENT: Despite the well insulated and aluminium clad section of the PRS pipeline, significant corrosion was detected on the outer surface of the inner pipe, caused by surface condensation due to low gas temperatures and humid conditions in a highly aggressive environment. The above ground gas pipe (steel) required coating to prevent further corrosion of pipes, valves and flange bolts while remaining in service. An expected life of 10 years before first maintenance was also required. The Corroless system was recommended to meet these requirements.

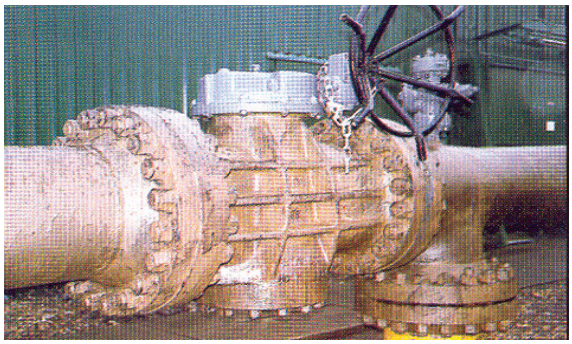
SURFACE PREPARATION: The pipes were hydrojetted and manually prepared to St2 standard of EN ISO 8501-1:2007 and then hydrojetted again to remove any further dust and contamination.

COATINGS: The pipes were patched prime with Corroless EPF followed by two full coats of Corroless EPF.

PRODUCT:	**DFT**
Corroless EPF Black	patch prime
Corroless EPF Buff	200 microns
Corroless EPF Black	200 microns

COMMENTS: This work was carried out and inspected 11 years later and was found to be in very good condition, with no further inspection intended for a further 4 to 5 years. The previous system had lasted for only 7 years.





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