

Application Bulletin

Oil & Gas

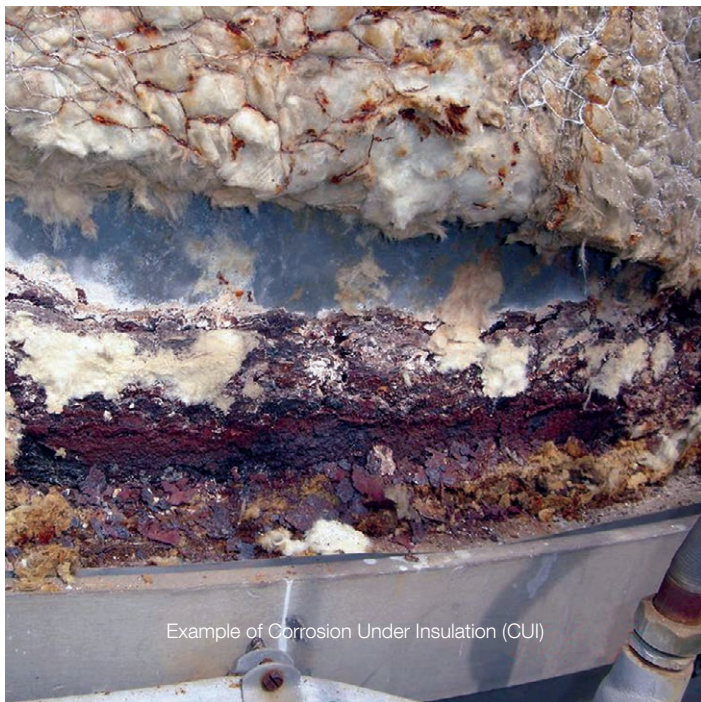
Refinery – Corrosion Under Insulation (CUI)

Refinery processing units and pipeworks are insulated to minimize energy losses and improve plant safety. While the insulation is designed to be watertight, damage and condensation caused by thermal cycling can result in corrosion under the insulation and a costly maintenance issue for refinery operators.

The Oerlikon Metco Solution

Protect steel pipeworks and processing units with Oerlikon Metco's thermal sprayed aluminum (TSA) corrosion protection solutions to combat CUI.

- Galvanically active TSA ensures protection of steel components
- Lasts 25 years or longer
- Easily and safely applied



Example of Corrosion Under Insulation (CUI)



Recommended Oerlikon Metco Products

MetcoShield	Packaged TSA solution to combat CUI
Metco Aluminum	Thermal spray wire material for long-lasting corrosion protection
Roadrunner	Mobile combustion wire spray equipment

More Information

SF-0017
DSMTS-0003
Combustion Wire Solutions

Information is subject to change without prior notice.