ENSCO Offshore drill platforms

Maintenance of Platforms in the North Sea

Water jetting

Coated at night and ready for traffic next morning

ENSCO 100: World's biggest jack-up rig - full rehabilitation

Why remove good coating?

Remove all loose existing paint

Remove loose and scale corrosion

FSPO BW MV-Enterprise

After 6 years of testing and evaluations have rated MCU Coatings the best in protection…

When long term is required and… ideal surface preparation is not possible MCU-Coatings has been used

Tank work on MV-Enterprise
MCU-Miozinc coating on tight rust

Application of 300-400 µm without mud-cracking

FSPO BW MV-Peace

The decision to use MCU-Coatings on the current project due to short time frame and long term protection required

The vessel's deck, superstructure, piping & modules have aged inorganic Zinc – largely failing with covered Zinc salts

MCU-Miozinc is used as the universal primer over UHP and slurry preparation

Coating of gas facilities

Pipes, pumping stations, collectors, etc. can be coated in operation **without a shut down**!

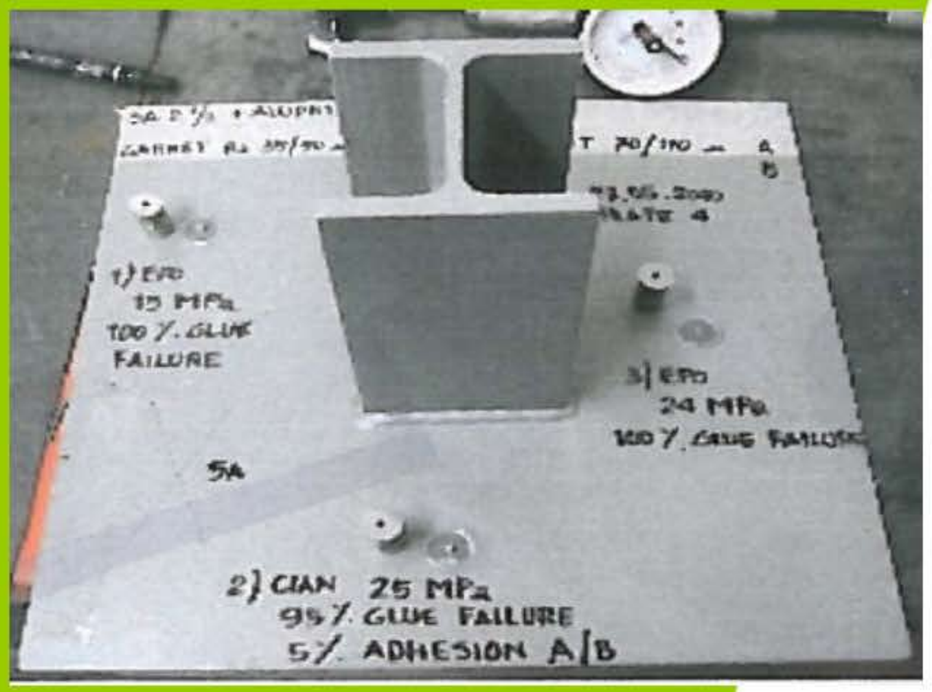
Will not amine blush – retain color and gloss

Used by important gas companies like: Sonatrach, BP, Shell, Statoil, Qatar Gas, etc.

Gasport Dornum
3 years maintenance
with MCU-Coatings

Application of sweating and frozen pipelines and reservoirs in operation is possible with MCU-Coatings

SAIPEM & RINA



- ASTM D 4541 & 3359 – Adhesion Test
- Criteria for ENI Saipem is 5 MpA
- MCU Coatings applied on various plates with and without QuickCure had values up to 25 MpA
- 5 X acceptable criteria

Scandinavian Electrical Energy

Painting in winter

United Kingdom

Splash Zones

Bahrain

GPIC the largest petrochemical of the country

After long test GPIC has selected exclusive to MCU-Coating for all maintenance projects

India

MCU-Coatings is approved by 13 big Oil & Gas companies (Reliance, ABAN Offshore, ONGC…)

ONGC new refinery underground pipes

Oman

Spot prime MCU-Miozinc
Overcoat MCU-Topcoat

The most tolerant paint technology over old coatings.

Ukraine - Kiev

New build 5 km bridge project taken over from Jotun as cold and humid condition delayed the project for +100% as planned

With MCU they won the lost time by paint at minus 10°C and less during winter time

Mineral Mining
Rio Tinto – RBM

Richards Bay
South Africa
2011

MPD (Mine Pond D) Shutdown
Minerals People Diversity

After 8 months of Lab & Field tests in 2010, which included internationally well known epoxy systems, MCU Coatings was exclusively specified for an historic Rio Tinto/Richards Bay Minerals shutdown.

conducted in humidity's of 92% with temperatures peaking at 42 degrees Celsius.

Shutdown Overview
Completed in an unprecedented 3 weeks

- 3km Hydraulic Piping
- 1.5km Electric Cable on Dredge Alone
- 6km Grease Pipes
- 600 ton lifts
- 7.7tons of Fastners
- 80 tons of Scaffholding
- Erection of new Gantry

- <u>Coating & Corrosion Prevention</u>
- 1 Spud Carraige
- 2 Trommels
- 8 Surge Bins (Interior + Exterior)
- Dredge Cutter
- Dredge Railings + Stairs
- Dredge Walkway
- General Structures
- External Pipes

MCU Miozinc 125µ
MCU Miomastic 75µ
MCU Alutopcoat 65µ

Application Conditions

MCU Coating systems for all corrosion Prevention Applications

mcu coatings
best in corrosion protection

Inspection on MPD Surge Bin's after 6 months Service

Trommel

Mid Section
MCU Miozinc 150µ DFT
Rubber Coating 3500µ DFT

End Sections
MCU Miozinc 125µ DFT
MCU Alutopcoat 75µ DFT