

AGEING INFRASTRUCTURE

In the UK and Norwegian sectors of the North Sea around 70 offshore platforms have been in operation for more than 30 years and another 55 for 20-30 years, some well beyond their original design lifetimes. Effective maintenance of offshore platforms and their equipment is paramount for safety and continuity of production but maintenance costs and challenges to success are high. This case study examines a typical example.



Left and below: platform viewed from the sea; well head showing heavy corrosion with closer details of corrosion effects on flanges and bolts.



Below and right: removal of corrosion shows condition of substrate. The depth of corrosion is clearly visible as corrosion scale is removed. It was not possible to completely remove corrosion between flange faces.



Below: preparation complete on small flange, ready for application of inhibitor.



ENVIROPEEL
THERMOPLASTIC SYSTEMS

Enviropeel products are manufactured and licensed by Enviropeel Holdings LLC, USA
www.enviropeel-holdings.com

A&E Group is the licensed distributor for Enviropeel products in Australia, Europe and Asia, visit our website at www.ae-sys.com or contact any of our offices for technical advice and availability in your area:

AUSTRALIA: A&E Systems PTY Ltd
36 Harries Way, Pinjarra
WA 6208, Australia
Tel: +61 (0)8 94183688
Fax: +61 (0)8 94183588
Email: aus@ae-sys.com

EUROPE: A&E Services Ltd
3 Charles Wood Road, Dereham
NR19 1SX, UK
Tel: +44 (0)1362 694915
Fax: +44 (0)1362 695350
Email: uk@ae-sys.com

MALAYSIA: A&E Systems Sdn Bhd
No 32 Jalan Serendah 26/39
iParc 2, Seksyen 26, Kawasan
Perindustrian HICOM, 40400
Selangor, Malaysia
Tel : +60 (0)3 5103 3877
Fax : +60 (0)3 55103 3118
Email: mal@ae-sys.com

A&E
SYSTEMS
ALOCIT & ENVIROPEEL
www.ae-sys.com



Above: a 'branch' of the christmas tree following removal of all unsound material.

Left: pre-treatment inhibitor applied to condition substrate.

Far left: Enviropeel Zone 2 application unit.

Below: completed sections graphically demonstrate the level of protection afforded by the Enviropeel encapsulation.

