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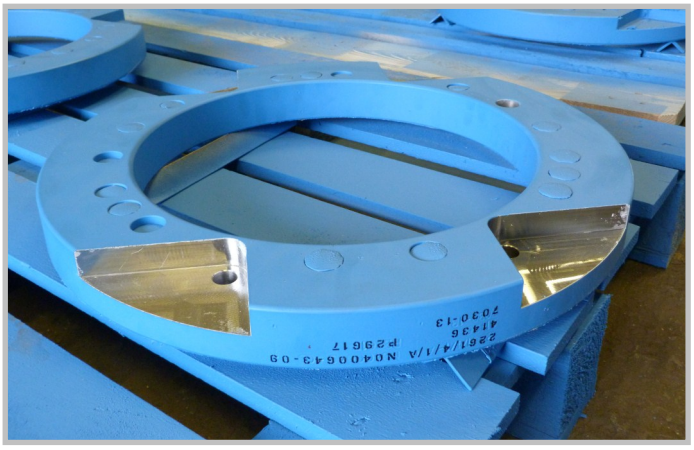
WHAT IS 'NACE' AND 'NORSOK'?

A guide to important institutions and standards in industrial painting and coating

Welcome to a short guide outlining two important institutions and standards, NACE and NORSOK, in industrial painting and coating solutions.

NORSOK

NORSOK (or 'Norsk Sokkels Konkuranseposisjon') are standards developed by the Norwegian Technology Centre. According to www.standard.no:



> 'The NORSOK standards are developed by the Norwegian petroleum industry to ensure adequate safety, value adding and cost effectiveness for petroleum industry developments and operations. Furthermore, NORSOK standards are as far as possible intended to replace oil company specifications and serve as references in the authorities regulations.'

In relation to coating, NORSOK M-501 is the recognised standard for the selection of coating materials, surface preparation and inspection for protective coatings. The NORSOK M-501 standard is applied during construction and installation of offshore products and facilities.

The M-501 standard covers passive fire resistant coatings, metallic coatings and paints. According to the NORSOK M-501 standard, its objectives are as follows:

- Optimal protection of the installation with a minimum need for maintenance
- The coating system is maintenance friendly
- The coating system is application friendly
- Health, safety and environmental impacts are evaluated and documented

NACE

Formed in 2012, the NACE International Institute was established to focus on certifying and further advancing the corrosion profession.

There are over 35,000 NACE certification holders worldwide, having undertaken one or more of the 23 programmes run by the institute in corrosion related subjects. This includes Coating Inspector Programme (CIP), which certifies members in anti-corrosive coating solutions.

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INTERNATIONAL
THE CORROSION SOCIETY

The CIP has long been recognised as the leading programme in the world for the inspections and protective coatings industry. A variety of companies and individuals are certified under the CIP, including manufacturers, blasters and technical salesmen to understand the basics in corrosion control, paint inspection and project management.

The programme supports individuals working in corrosion prevention to make informed decision and inspect to high standards in order to prevent costly mistakes and ensure the entire respective supply chain benefits in terms of time, cost and other resource.

Useful links:

NORSOK M-501 Standard

NORSOK M-501 Standard definition

NORSOK Standard—Surface Preparation and Protective Coating

NACE International Institute

NACE CIP Programme