

# Coating Inspection

for the professional  
Coating Inspector



Coatings still predominate as the most important technology for protecting steel structures against corrosion. At the same time our technology faces a steadily growing demand for making corrosion protection lasts even longer. This demand is met partly by improved coatings, partly by improved methods for surface preparation and the use of advanced application equipment. At the end of the day new technology and quality workmanship only combine to attain the desired result when every step of the process is properly controlled.

## Description

The coating inspector must know the basics about paint technology, the influence of microclimate, surface preparation and application methods. In order to achieve the specified outcome of a coating job, a thorough knowledge of quality control and inspection skills is essential.

## Objective

The course will give the participant a theoretical understanding and enable him to carry out typical inspections in relation to corrosion protection.

## Course content

### The main topics are:

- Corrosion theory & corrosion protection
- How do coatings actually protect?
- Fouling and fouling protection
- Generic paint types
- How do I interpret the paint supplier's data sheet?
- Specifications – exposure & lifetime of a coating
- Surface preparation – methods & standards
- Application methods
- Paint and painting defects – diagnosis and cure
- Inspection procedures & quality control
- Practical inspections

## Participants

The course aims towards prospective superintendents and other technical representatives from heavy industry, on-shore, off-shore and marine who perform or plan to take up supervision or inspection duties. It is assumed that participants possess some basic knowledge of paint & painting technology.

## Course form

The course is a mixture of classroom training and practical hands-on exercises, which simulate the inspector's on-site situation. Participants are required to spend some evenings after class completing written exercises.

## Trainers

Hempel Academy's knowledgeable trainers are drawn from a network of technical experts, ready to deliver practical, experience-based events. Importantly, the selected trainers are skilled communicators who make the course a stimulating experience.

## Course material

Participants receive practical information and a pre-course manual about 4 weeks before the course begins. The manual describes the fundamentals of paint & painting technology. It serves as a starting point for our training programme and lively classroom discussions. A complete course manual is compiled during the course.

### Course fee\*

EUR 2000 plus VAT – total EUR 2500

### Payable to

Hempel A/S, Lundtoftegaardsvej 91  
DK-2800 Kgs. Lyngby, Denmark  
CVR No 59946013 - VAT No DK59946013

Payment instructions will be given in invoice.

In case of companies registered in another EU country, an invoice will be created subject to the Reverse Charge Mechanism under EU provisions stipulating a zero rated VAT instead of the normal VAT levied on sales of this kind to a domestic customer or a customer from outside the EU.

### Terms

#### Acceptance

The registration only takes effect when Hempel Academy has acknowledged receipt of a duly completed form returned by or on behalf of the applicant company as acceptance of the arrangements and terms herein.

*\*Subject to change without prior notice.*

### Participant's withdrawal

If notice of withdrawal is not given less than 5 weeks before the course begins, a cancellation fee amounting to 50% of the course fee will be charged.

If notice of withdrawal is not given less than 3 weeks before the course begins, a cancellation fee amounting to 100% of the course fee will be charged.

In case of withdrawal before the event, the participant's company may send a qualified substitute instead.

### Hempel Academy's cancellation

Hempel Academy reserves the right to cancel a course session, if the minimum class size is not reached. Based on current situation and experience, reason for cancellation should also include 'unforeseen circumstances'.

### Special remarks

#### Pre-course information

An introduction package is sent to registered participants approximately one month before the course start. The package includes a technical manual as well as some practical information about the event.

### HEMPEL

recognises that our growth goes hand in hand with the growth of our customers. Offering technical education programmes to our customers is therefore a natural step towards mutual growth. We feel confident that whenever you complete any of our courses, you will have experienced that:

**When it comes to technical training,  
Hempel does not just follow standards.  
We set them.**

### Hempel Academy

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