

# FROSIO Certification

for the professional  
Coating Inspector



Hempel Academy offers a range of training courses designed to enhance the technical competencies of the participants. Since 1996 Hempel has trained more than 1000 Coating Advisers and Inspectors for the world recognized FROSIO Certificate. Our approach to learning is well established but not at a standstill. We are dedicated to continuous development and aim to maintain our reputation as a FROSIO training body and course provider second to none.

## Description

This is a 10 days course focusing entirely on the curriculum defined in the FROSIO Scheme for Surface Treatment.

The FROSIO Certificate is valid for 5 years.

## Objective

The main objective of this course is to deliver the required knowledge and skills as defined in the FROSIO Scheme for Surface Treatment and at the same time enable the participant to perform as a highly independent and technically confident professional in all aspects of surface treatment inspections.

## Course content

- Role of the inspector and inspector work
- Construction, materials and design
- Corrosion
- Pre-treatment/substrates for paint and coating
- Environment/Ambient conditions
- Paints and coatings
- Requirement for execution of work
- Standards, specifications and procedures
- Health, Safety and Environment

## Participants

Coating Advisers, Coating Engineers, Coating Inspectors, Paint Supervisors, Yard Engineers, Quality Control Inspectors and

similar trades who have some years of experience performing coating inspections related to corrosion protection.

## Trainers

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

## Examination

The course concludes with an examination administered by a FROSIO representative. The examination consists of both a theoretical (knowledge) and a practical part (skill).

## Course fee\*

EUR 4.000 plus VAT – total EUR 5.000

Payment instructions will be given in invoice sent out from the course holder.

## 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 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'.

A promise of a vacant place can only be kept for a short while, pending completion of the registration procedure, as stipulated in the cover message.

### Pre-booking of hotel

Terms of pre-booking a hotel via Hempel Academy, will be given in the introduction letter forwarded to the participants at least one month before course start.

### Pre-course information

An introduction package is sent to registered participants 4 weeks before the course starts. The package includes the textbook, used in connection with the course, entitled "CORROSION PROTECTION – Inspector's book of reference," published by Hempel as an English translation of the original Norwegian edition by Dag Kjærsmo et alia, English edition (ISBN 87-989694-0-4).

The book covers the entire FROSIO curriculum as defined by NS 476, which governed exam subjects when the book was first published in 2003. Following regulatory developments in the areas of maritime safety and the marine environment, questions at more recent examinations have moved into new areas such as PSPC (IMO MSC.215(82)) and Fouling Release Coatings. These areas are not covered in this book. Relevant topics in these areas are, however, presented during the FROSIO Certification Course at Hempel Academy. Alternative reading material can also be accessed at the FROSIO website.

We recommend that every participant study the book thoroughly in advance, concentrating on topics that are least familiar. On account of the load of homework questions, there is barely time to study the book when the course is running.



Modern coatings are specifically formulated to provide long term protection and a faster production flow at the work site. This often translates to greater demands as to the role of the inspector.

The coating inspector must therefore possess the required knowledge about paint and coatings technology, surface preparation and paint application and at the same time must be technically competent in all facets of coating inspection.



**HEMPEL ACADEMY** has over the years conducted FROSIO Certification courses in Europe, Middle East, Singapore, South Korea, and China.

Hempel is proud to be the first paint company to gain approval as a training body in conducting FROSIO Certification courses.

**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 wherever you complete any of our courses, you will have experienced that:

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

### Hempel Academy

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