

# Training services

Improving your team's technical knowledge and skills





## Technical training from Hempel

- All courses delivered by experienced technical trainers
- Combination of theory and practice, with real-life examples and cases
- All courses can be tailored to your needs
- Courses can be delivered on

## Increasing in-house skills for higher quality and efficiency

From applicators and specifiers to superintendents and quality control personnel, our specialist training helps ensure you benefit from faster, more efficient and higher quality coating application – every time.

To remain competitive in today's business landscape, organisations need to invest in up-skilling their workforce. This is increasingly important for owners and operators of industrial assets with a lifecycle of more than twenty years. By strengthening your team's knowledge and technical skills, you will help ensure all coating systems are applied to specification and can be confident they will perform correctly for their entire specified service life.

Developed and delivered by expert coating advisors with many years of experience, our training programmes cover both basic theory and the latest developments in paint technology, surface preparation and application methods. As well as ensuring correct application to specification, they also focus on efficiency to help your team increase throughput, reduce waste and cut costs.

Our training programmes are designed for superintendents, technology specialists, quality control staff, applicators and other employees involved in coating selection, application and maintenance – and they can be tailored to suit the specific needs of your staff, business and project.



## Training for applicators

The key to high-quality and efficient coating application in line with specifications

Effective surface preparation and coating application are key to creating a high-performance coating system.

Our training for applicators course gives your team the skills and knowledge they need to complete a coating application in line with specification – which is key to achieving the designed coating performance.

This course is relevant for **paint supervisors, painters and applicators.**

### Training for applicators includes:

- Basic paint concepts
- Paint preparation and paint application
- Climatic conditions
- Defects and rectification
- Datasheets and specifications
- Health and safety

## Coating fundamentals training

A thorough introduction to the fundamentals of coating theory and practice

Our coating fundamentals training gives you a thorough understanding of corrosion and coatings performance, including the latest advancements in coatings technology and legislation in your industry.

From specification and application to the identification of potential causes of defects, the course covers all the basic coatings related-information relevant to protecting and maintaining assets in today's world.

This course is relevant for **supervisors, managers and technical staff.**

### Coating fundamentals training includes:

- Corrosion theory
- Surface preparation, paint preparation and paint application
- Coating types and comparisons
- General paint compatibility
- ISO 12944 (if relevant)
- Datasheets and physical contacts
- Specifications and calculations
- Safety Data Sheets
- Climatic conditions
- Quality control and assurance
- Coating defects and failures (causes and prevention)

## Onboard maintenance training

Improve your crew's maintenance skills

With tough at-sea conditions, it's essential that your vessels are maintained correctly between dockings.

Our onboard maintenance training course covers all you need to ensure your crews can correctly, safely and quickly perform onboard maintenance. This will ensure that your vessels stay in top condition for longer, with reduced maintenance requirements when in dock.

This course is relevant for **superintendents, fleet managers and technical staff.**

### Onboard maintenance training includes:

- Basics of corrosion and anti-corrosives
- Surface preparation, paint preparation and paint application
- Coating types and comparisons
- General paint compatibility
- Quality control and inspection equipment
- Climatic conditions
- Ventilation in confined spaces
- Specifications and calculations
- Datasheets and physical contacts
- Health and safety
- Coating defects and failures (causes and prevention)



## Training for quality assurance and quality control

Make sure application meets the specified quality standards

Develop your personnel's capabilities to conduct quality assurance and quality control so that all work meets the required specification and quality standards.

Our training for quality assurance and quality control covers all you need to know to ensure good quality throughout a project, from understanding specification requirements through to surface preparation, application and inspection.

This course is relevant for **supervisors, managers and technical staff** with a role in quality control.

### Training for quality assurance and quality control includes:

- Surface preparation and paint application
- Climatic conditions
- Corrosion theory and protection methods
- Generic coating types and comparisons
- General paint compatibility
- Datasheets and Safety Data Sheets
- Specifications and calculations
- ISO 19840
- Quality inspection
- Equipment
- Coating defects and failures (cause and prevention)

# Hempel's technical training courses at a glance.

Training for applicators

Coating fundamentals training

Onboard maintenance training

Training for quality assurance and control

Basic paint concepts

Paint preparation and paint application

Climatic conditions

Defects and rectification

Datasheets and specifications

Health and safety

Corrosion theory

Surface preparation, paint preparation and paint application

Coating types and comparisons

Checking and reporting dry film thickness (DFT) measurements

General paint compatibility

ISO 12944 (if relevant)

Datasheets and physical contacts

Specifications and calculations

Safety Data Sheets

Climatic conditions

Quality control and assurance

Coating defects and failures (causes and prevention)

Basics of corrosion and anti-corrosives

Surface preparation, paint preparation and paint application

Coating types and comparisons

General paint compatibility

Quality control and inspection equipment

Climatic conditions

Ventilation in confined spaces

Specifications and calculations

Datasheets and physical contacts

Health and safety

Coating defects and failures (causes and prevention)

Surface preparation and paint application

Climatic conditions

Corrosion theory and protection methods

Generic coating types and comparisons

General paint compatibility

Datasheets and Safety Data Sheets

Specifications and calculations

ISO 19840

Quality inspection

Equipment

Coating defects and failures (causes and prevention)



More than 600 highly qualified technicians at your service

● Hempel service locations    ● R&D centres



In a competitive environment, success requires more than just technology. You also need people with the right skills, knowledge, experience and attitude to turn that technology into a value-adding solution. This is where Hempel stands out.

Each day, our more than 600 highly qualified coating advisors and engineers work with customers around the globe to optimise their projects and ensure their coating systems meet or exceed expectations.

Hempel coating advisors are safety trained within:

- IRATA
- HUET
- BOSIET

More than 70 per cent of Hempel coating advisors are certified within:

- NACE
- FROSIO

More than 600 highly qualified coating advisors work within specialised areas such as:

- Marine
- Containers
- Wind
- Offshore
- Concrete coatings
- Fire protection

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the protective, marine, decorative, container and yacht industries. Hempel employs 6,700 people in 80 countries and has 28 factories, 15 R&D centres and more than 150 stock points worldwide.

Across the globe, Hempel's coatings protect surfaces, structures and equipment. They extend asset lifetimes, reduce maintenance costs and make homes and workplaces safer and more colourful. Hempel was founded in Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world.

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