



Cathodic Protection and Chemical Treatment

Code	City	hotel	Start	End	Hours	price
371	Hong Kong	Hotel Meeting Room	2026-02-02	2026-02-06	25	5450 €

Course Outline

Day 1

- Primer on Chemistry and Metallurgy
- Fundamentals of corrosion
- Cathodic Protection
- Sacrificial Anode Cathodic Protection
- Impressed Current Cathodic Protection
- Criteria for Cathodic Protection
- Reference potential devices

Day 2

- Potential measuring instrument
- Soil resistivity test instruments
- Wall thickness and pit gages
- Current interrupters
- Test rectifiers
- HoliModule detectors
- Electrical resistivity

Day 3

- Resistance of ground connection
- Non-uniform electrolyte
- Groundbed Design



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- Long pipelines and pipe insulating joints
 - Stray current corrosion and electrolysis
 - Practical stray current problems

Day 4

- Interference from other CP installations
- Effectiveness of coatings
- Coatings specification
- Coatings inspection
- Type of pipeline coatings
- Coating failures and analysis

Day 5

- Cathodic Protection and Coatings
- Survey methods for pipeline not under cathodic protection
- Survey methods for pipeline under cathodic protection
- Overview of NACE Standard on \square Pipeline External Corrosion Direct Assessment Methodology \square
- Corrosion Inhibitors
- Scale Inhibitors
- Biocides



The Scandinavian Academy for Training and Development adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training and Development.

Program Timings:

- 9:00 AM to 2:00 PM in Arab cities.
- 10:00 AM to 3:00 PM in European and Asian cities.

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.



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application form

Participants full name:	<input type="text"/>
Participants employer:	<input type="text"/>
Country - City:	<input type="text"/>
Mobile number:	<input type="text"/>
Work phone number:	<input type="text"/>
E-mail:	<input type="text"/>
Method of fees payment:	<input type="text"/>

Invoice Recipient Data

Invoice Recipient name:	<input type="text"/>
Work phone Number:	<input type="text"/>
Mobile number:	<input type="text"/>
Work detailed address:	<input type="text"/>
E-mail:	<input type="text"/>



SCANDINAVIAN ACADEMY

Training and Development

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