

FROSIO Surface Treatment Training Course



Ships, installations, infrastructural objects and other structures that are exposed to all weathers are usually treated with coatings and paint. To ensure that such a protective layer meets high quality requirements, it must be applied by professionals. The Norwegian quality scheme FROSIO guarantees this. The English-language Kiwa FROSIO training prepares professionals for the FROSIO exam and FROSIO certification.

Training information

Paint and coatings provide an important role in preventing corrosion on steel and other metallic constructions. In order for the corrosion protection to satisfy the quality and durability, strict demands must be set to surface treatment. To ensure the quality – inspection of the work at all stages is important. The inspectors must have thorough knowledge of climatic conditions, paint and coating technology, inspection routines, standards and guidelines.

The Norwegian Professional Council for Education and Certification of Inspectors of Surface Treatment (FROSIO) was founded in 1986 in Norway and has since 1987 issued certificates for surface treatment inspectors. The demands as to knowledge and skills are defined in the FROSIO certification scheme. Kiwa has arranged and conducted courses leading to the FROSIO examination abroad and in Scandinavia since 1987.

FROSIO training course contents

Kiwa's FROSIO training course is based on lectures, demonstrations, practical use of instruments and group work - providing training of practical work. This enables participants to interactively explore the different subjects. The topics included in the course are:

- Materials and design;
- Corrosion;

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- Substrates for paints/coatings;
- Ambient conditions;
- Paints and coatings;
- Requirements for the execution of the work;
- Standards, specifications and procedures;
- Inspection work/role of the inspector;
- Health, safety and environment

Course goals

The course is intended to provide the candidates with theoretical and practical knowledge to meet the requirements of the FROSIO certification scheme, being capable of carrying out inspections as well as having knowledge of methods to protect constructions.

Who should attend the course?

The course is intended for inspectors, operators and people working within surface treatment and painting, personnel working with constructions to be protected and technical personnel in charge of surface treatment.

Skills and background

In accordance with the standard all candidates must attend an 80 hours course and pass the examination successfully. The skills and background of the candidate are defined in the standard. Experience may be obtained after having passed the examination. The FROSIO certification scheme describes the three levels available:

- Inspector candidate certificate level I: A person who has attended the course, passed examination, but without relevant experience;
- Inspector certificate level II: A person who has attended the course, passed examination, and having a minimum of 2 years relevant experience;
- Inspector certificate level III: A person who has attended the course, passed examination, and having at least 3 years relevant experience in addition to the requirements of level II whereof minimum 2 years documented inspection experience.

Practical information

Language

The FROSIO training is entirely in English (the courses in Norway are in Norwegian).

Time investment

This blended learning course is a combination of e-learning modules and classroom training. Access to the e-learning course is given approximately two weeks before classroom training begins. The e-learning course must be completed before classroom training. The last day of the course is exam day, where participants will take both a theoretical and practical exam.

Examination

The examination according to FROSIO certification scheme includes a theoretical and practical part each of four (4) hours, and will be conducted on the last course day(s) by FROSIO. To meet the requirements for certification, all candidates must pass both parts of the examination. The level on the certificate is based on relevant work experience: 0-2 years: Level 1, 2-5 years: Level 2, 5+ years: Level 3.

Course fee

The course fee is € 3950,- (includes examination fee, all the course material and lunches).



Dates & locations

Contact us at kurs@kiwa.com for current dates and locations.

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