

Announcement

Quality Control, Standardization and Certification for Protective Paint Systems



A Workshop during EUROCORR 2016
11-15 September 2016, Montpellier, France

Protective paint systems constitute one of the most important technologies ensuring the corrosion protection of a wide range of steel structures exposed to the atmosphere as well as waters and soils.

Today, many owners express their wish to increase the protection performance in terms of higher durability for new constructions as well as for maintenance. At the same time, many field proven systems are no longer available due to restrictive environmental regulations, which may often lead to critical situations for some projects.

A poor behaviour of protective paint systems can impact significantly the availability of the structures and the operational costs. Consequently, it is essential to ensure the expected performance during the whole service life, including maintenance periods.

The protective paint system is relevant for a “Special Technical Process” for which it is not possible to predict the performance by simple tests carried out in-situ on the dry film after application. Its long term performance is in fact depending on two essential steps:

- The paint system selection, including: requirements on surface preparation, surface treatment, surface contaminants, type and thickness of coats,
- The quality of the painting works during application, including: products conformity, organization, application processes, personnel competence, control plan.

For a given project, the objectives are to establish a specification and to notify a precise acceptance for the protective paint selection and the painting works. In order to reach this goal it is essential to establish comprehensive documents to be used by the various actors (owner, paint manufacturer, contractors, sub-contractors, etc). The most efficient way is to base these documents on internationally recognized standards. In this aim, EN ISO 12944 series is considered as a fundamental standard defining the state-of-the-art. This standard is currently under revision.

On another hand, it is time consuming and expensive to assess both the performance of paint systems and the personnel competence (applicators, inspectors). It is often very competitive to make the choices based on third party certification conducted according to EN ISO 17065 (*“Requirements for bodies certifying products, processes and services”*) and EN ISO/IEC 17024 (*“General requirements for bodies operating certification of persons”*).

In this context, the objective of the proposed workshop is to provide information about:

- Standardization, especially concerning the evolution of ISO 12944 under revision. In particular: definition of durability, description of paint systems versus environments, introduction of cycling tests...
- Certification for personnel (applicators, inspectors) as well as for products (paint systems).

The target audience of the workshop includes manufacturers, paint applicators, certification bodies, test laboratories, consultants, engineering offices, contractors, owners and end users.

Abstracts should be submitted online via www.eurocorr2016.org until 17 January 2016. Further information on the conference, the scientific sessions and the venue can also be found there.

We are looking forward to your contribution to and participation in EUROCORR 2016 and would appreciate to meet you in Montpellier.

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