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Workshop on Certification in corrosion and corrosion protection

chaired by Marcel Roche, Head of the Certification Division of CEFRACOR

Certification is a guarantee of quality operated by an approved body external to a company for a product, a service, an organisational system, or a process, demonstrating that the requirements of a recognised procedure are met.

Management of corrosion of a given equipment is a must, from design, including selection of materials and implementation of corrosion prevention and control methods, to corrosion monitoring and inspection. End users should ensure that their own corrosion specialists and those of contractors are competent enough in their domains. In addition to their initial education and field experience, they should be well trained through continuous professional education based on corrosion science and technology and applicable standards, and their competence in specific disciplines should be validated in the form of third-party certification. It applies to the competence of persons in given sectors, mainly paint systems, pipe coatings, cathodic protection, inspectors in chemical and petroleum industries, or corrosion management. Certification also applies to non-formal education where continuous vocational training is provided by *Learning Service Providers* (LSPs) where ISO 29990 *Learning services for non-formal education and training - Basic requirements for service provider* provides a generic model for quality professional practice and performance and a common reference. Auditing the corrosion training courses and their organisers by a third-party approved body for delivering a “certificate” or “label” comforts end users, prescribers, and contractors in the competence of training organisations and courses.

The aim of this workshop is to present papers that address the various certification schemes existing in the domain of corrosion and to compare them. The workshop will be a good opportunity for addressing interactions between certification, the missions of EFC WP7 on *Corrosion Education*, and the *EFC Approved Course Label* granted to courses with high professional standards supported by the EFC Member Societies active in corrosion education.