

EFC WP16

14th meeting, Edinburgh, Sept. 9, 2008

CERTIFICATION IN THE FIELD OF CATHODIC PROTECTION UPDATING

Marcel ROCHE
Chairman of EFC WP16
Convenor of CEN TC 219 / WG5

THE STORY SO FAR

- First topic addressed by **EFC WP16 on Cathodic Protection** when launched in 1998
- **EFC WP16 Report on "Qualification and Certification in the field of Cathodic Protection: Present situation and possible European scheme"** issued in May 2001
- Launching of **CEN TC219 WG5** at the end of 2000 to prepare a standard on "Qualification and Certification of Operators in the field of Cathodic Protection"

THE EUROPEAN STANDARDISATION

- Document prepared from Nov., 2001 **voted end 2006 and published in English, French and German: EN 15257**
- Title of document: **"Competence levels and certification of cathodic protection personnel"**
- **"Framework" allowing independent national Certification Bodies to operate**
- **Formal equivalence at European level with "MultiLateral Agreement" (MLA) process through audits carried out by notified national Accreditation Bodies will be possible in future**

THE EUROPEAN STANDARDISATION

- **3 possible levels of competence** (with precisely detailed definition of the tasks)
- **4 possible Application Sectors** (Land applications, Marine, Concrete and Internal of apparatuses)
- **Training mandatory** but defined by **Certification Bodies**
- **Validity period of Certification: 5 years**

FOLLOW-UP OF CERTIFICATION

- **EFC WP16 decided to follow-up progress in the various countries**
- **A delegate per country has been nominated for getting information**
- **A table is updated giving number of certificates per competence level and application sector in all countries**
- **It will be put on EFC Web site when enough complete**

CUMULATED NUMBER OF CERTIFICATES

Competence level	Application sector	France Aug. 2008	Germany 2003	Italy July 2008	Netherlands Aug. 2008	UK Aug. 2008	Total
1	Land	175		56	91	129	451
	Seawater	8					8
	Concrete					<i>15 (training)</i>	0
	Internals						0
	total	183	0	56	91	129	459
2	Land	70		83	52	24	229
	Seawater						0
	Concrete						0
	Internals						0
	total	70	0	83	52	24	229
3	Land	9	43	49	3	150	254
	Seawater	4		9		50	63
	Concrete	2		3		25	30
	Internals	1		3		25	29
	total	16	43	64	3	250	376
Total		269	43	203	146	403	1064

In blue: certificates delivered in full compliance with EN 15257

In italics: estimation

NUMBER OF CERTIFICATED INDIVIDUALS (to be completed)

Competence level	Application sector	France	Germany estimated	Italy July 2008	Netherlands Aug. 2008	UK est. 2003	Total
1	Land	119					119
	Seawater	4					4
	Concrete						0
	Internals						0
	Several	2					2
	total	125	0	0	0	0	123
2	Land	58					58
	Seawater						0
	Concrete						0
	Internals						0
	Several						0
	total	58	0	0	0	0	58
3	Land	7	43		3		53
	Seawater	3					3
	Concrete	1					1
	Internals	1					1
	Several	2					2
	total	14	43	0	3	0	59
Several	Several	2					
Total		199	43	0	3	0	240

NEWS FROM FRANCE

- **Training and Certification well established for Land applications. To be in full compliance with EN 15257 from Jan. 2009**
- **For Marine Application Sector, in Brest have been established a Training Centre (Institut de la Corrosion) and an Examination Centre (at IFREMER) . 1st session in April 2008 for level 1, in full compliance with EN 15257**

NEWS FROM FRANCE

- **Facilities allow training and examination in a lab, small natural seawater tanks, on a large size piece in a bigger tank, and on a quay**
- **These centres will propose training and examination in English from 2009**
- **Work carried out for launching Training and Certification Centres for Concrete Application sector**

NEWS FROM FRANCE

- **It would be profitable for all to establish co-operation between several countries for optimising training courses, testing facilities and examination processes**