



CEN/TC 138

13 September 2010
Vienna



Report of Secretary

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NORMALISATION



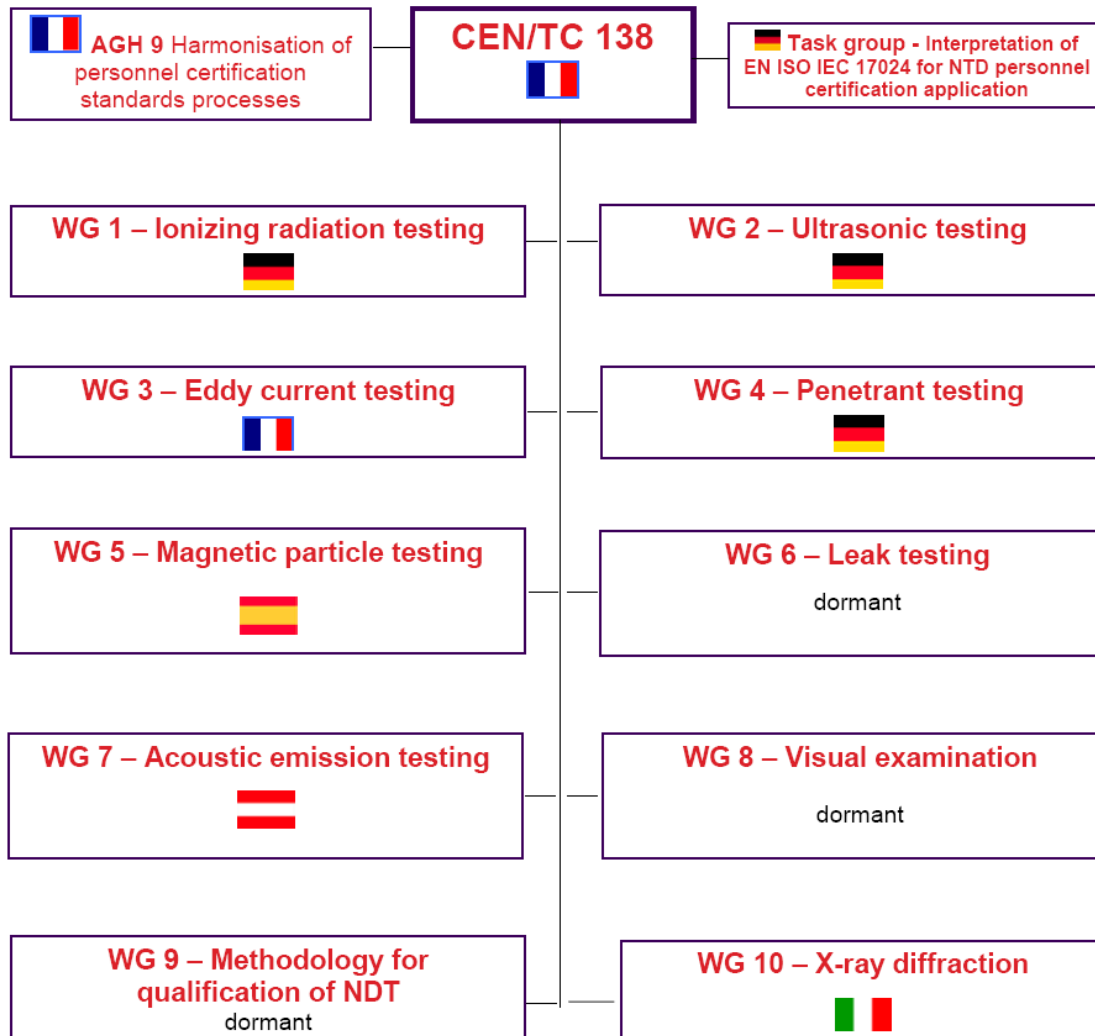
■ Scope

- Standardization of the terminology, equipment, and general principles of methods for non destructive testing by the following means: - acoustic methods; - ionizing radiations; - liquid penetrant testing; - electrical and magnetic methods; - optical and visual methods; - leak testing; X-ray diffraction methods as well as standardization of the principles of qualification and certification of non-destructive testing personnel and methodology for qualification of non destructive testing.

■ Chairman and Secretariat

- Patrick FALLOUEY
- Nathalie GESLIN-LEVASSEUR

Structure





- Liaisons with other organizations:
 - ➔ **ASD-STAN** (AeroSpace and Defence Industries Association of Europe)
 - ➔ **CEOC** (International (International Confederation of Inspection and Certification Organisations)
 - ➔ **EFNDT** (European Federation for Non-Destructive Testing)



● Publications 2009-2010

- EN 1330-9:2009, Non-destructive testing - Terminology - Part 9: Terms used in acoustic emission testing
- EN ISO 12706 : 2009, Non-destructive testing - Penetrant testing - Vocabulary
- EN 12668-1 : 2010, Non-destructive testing - Characterization and verification of ultrasonic testing equipment - Part 1 : Instruments
- EN 12668-2 : 2010, Non-destructive testing - Characterization and verification of ultrasonic examination equipment - Part 2 : probes
- EN 15856 : 2010, Non-destructive testing - Acoustic emission - General principles of AE testing for the detection of corrosion within metallic surrounding filled with liquid
- EN 15857 : 2010, Non-destructive testing - Acoustic emission - Testing of fibre-reinforced polymers - Specific methodology and general evaluation criteria
- EN 1330-4 : 2010, Non destructive testing - Terminology - Part 4 : terms used in ultrasonic testing
- EN 13477-2 : 2010, Non destructive testing acoustic emission - Equipment characterization - Part 2 : Verification of operating characteristic
- EN ISO 7963:2010, Non-destructive testing - Ultrasonic testing - Specification for calibration block No. 2 (ISO 7963:2006)

Current programme of work



● **Soumission to UAP**

- FprEN 14127, Non-destructive testing - Ultrasonic thickness measurement
- FprEN ISO 15549; Non-destructive testing - Eddy current testing - General principles (ISO 15549:2008)

● **Adopted document for Formal vote**

- prEN 13554, Non destructive testing - Acoustic emission - General principles

● **Documents to be adopted for Formal vote**

- prEN 16016-1 Non destructive testing - Radiation method - Computed tomography
 - Part 1: Terminology
 - Part 2: Principle, equipment and samples
 - Part 3: Operation and interpretation
 - Part 4: Qualification

Current programme of work



- Documents under finalisation by WG after CEN enquiry
 - prEN 16018, Non-destructive testing - Terminology - Terms used in ultrasonic testing with phased arrays



■ Documents under drafting by WGs

- prEN ISO 3452-1, Non-destructive testing - Penetrant testing - Part 1: General principles
- prEN ISO 3059, Non-destructive testing - Penetrant testing and magnetic particle testing - Viewing conditions
- Non-destructive testing - Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays
 - Part 1 : Tangential radiographic inspection
 - Part 2 : Double Wall radiographic inspection
- prEN 14784-2 , Non-destructive testing - Industrial computed radiography with storage phosphor imaging plates - Part 2 : General principles for testing of metallic materials using X-rays and gamma rays
- prEN 14584, Non-destructive testing - Acoustic emission - Examination of metallic pressure equipment during proof testing
- WI 00138152, Interpretation of EN ISO/IEC 17024 for NDT personnel certification application



- Follow-ups given to resolutions 39/2009 to 65/2010