

ICS 19.100

English Version

**Non destructive testing - Code of practice for the approval of
NDT personnel by recognised third party organisations under
the provisions of Directive 97/23/EC**

Essais non destructifs - Code de bonne pratique en vue de
l'approbation du personnel END par des entités tierces
parties reconnues dans le cadre des dispositions de la
Directive 97/23/CE

Verfahrensregeln für die Anerkennung von ZfP-Personal
durch dritte Organisationen nach den Vorgaben der
Richtlinie 97/23/EU

This Technical Report was approved by CEN on 13 February 2007. It has been drawn up by the Technical Committee CEN/TC 138.

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Foreword

This document (CEN/TR 15589:2007) has been prepared by Technical Committee CEN/TC 138 “Non destructive testing”, the secretariat of which is held by AFNOR.

According to Pressure Equipment Directive 97/23/EC Article 13 section 1, European Union Member States and EFTA countries shall notify the European Commission and the other Member States of the Third Party Organizations (RTPO) which they have recognised for the purposes of the tasks referred to in Annex 1, section 3.1.3, namely the ‘Approval’ of NDT personnel to test permanent joints of categories III and IV pressure Equipment and Pressure Assemblies [1].

The methodology for ‘Approval’ of NDT personnel is not specified in Directive 97/23/EC, and it was agreed by the European Conformity Assessment Bodies Forum (CABF) that guidance was required in order to ensure a consistent approach to the application of the directive and the implementation of Working Group Pressure Guideline 6/13 (17th March 2004) by Recognised Third Party Organisations (RTPO) (see annexe C).

As a result, a Code of Practice (CoP) was developed from a draft proposed by The European Federation for NDT. This CoP was published as CABF TRG 0034 on 24th November 2004, with a recommendation that this document be submitted to CEN for possible development as a Technical Report (TR) or Specification (TS).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

1 Scope

This Technical Report provides a methodology for approval of NDT personnel under the provisions of Directive 97/23/EC, Annex 1, section 3.1.3.

The provisions of Guideline 6/13 are detailed herein to ensure a consistent approach and a high level of confidence in the approval of NDT personnel by RTPO's through widespread adoption of the criteria and approval processes detailed herein. A flow diagram illustrating this methodology is presented in Annex A.

2 Terms and definitions

For the purposes of this Technical Report, the following terms and definitions apply.

2.1

Recognised Third Party Organisation (RTPO)

body recognised by a member state of the European Union or EFTA countries for the purposes of the tasks referred to in Directive 97/23/EC, Article 13 section 1, and in Annex 1, section 3.1.3, namely the 'approval' of NDT personnel to test permanent joints for pressure equipment in categories III and IV, and whose recognition has been notified to the European Commission or EFTA countries and the other Member States

2.2

Approval of NDT Personnel

procedure used to demonstrate the competence of an individual to carry out specific non-destructive tests of permanent joints for pressure equipment in categories III and IV (see Directive 97/23/EC Annex 1, section 3.1.3)

2.3

Approval attestation

documented statement issued by an RTPO that a specified individual is approved (see 2.2)

2.4

Qualification

[EN 473:200]

evidence of training, professional knowledge, skill and experience as well as physical fitness to enable personnel to properly perform NDT tasks

2.5

Certification

[EN 473:200]

procedure used to demonstrate the qualification of NDT personnel in a method, level and sector, and leading to the issue of a certificate

2.6

Relevant Sector

any product or industrial sector covering permanent joints to pressure equipment as defined in European Standard EN 473 [3] that includes testing permanent joints, such as 'Welded Products', 'Metal Manufacturing' or 'Pre and In-service testing of equipment, plant and structures

2.7

permanent joints

joints which cannot be disconnected except by destructive methods e.g. made by fusion welding, brazing, braze welding expansion etc.