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Non-destructive testing — NDT personnel training organizations

Essais non destructifs — Organismes de formation du personnel END

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 7, *Personnel qualification*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

Since the effectiveness of non-destructive testing (NDT) personnel is dependent on the technical knowledge acquired, a system to evaluate and document the appropriate theoretical and practical knowledge competencies of personnel is required.

To harmonize and maintain training and certification of NDT personnel, this document for NDT training organizations, together with NDT training syllabuses (ISO/TS 25107) have been developed with the intent to serve those involved in training to achieve a uniform level of training, training material and consequently competence of personnel.

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Non-destructive testing — NDT personnel training organizations

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1 Scope

This document gives requirements and recommendations for non-destructive testing (NDT) training organizations, with the intention of harmonizing and maintaining the general standard of training of NDT personnel for industrial needs.

It also establishes the minimum requirements for effective structured training of NDT personnel to ensure eligibility for qualification examinations leading to third-party certification according to recognized standards.

NOTE ISO/TS 25107 gives requirements and recommendations for NDT training syllabuses intended for training.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/TS 18173, *Non-destructive testing — General terms and definitions*

ISO 9712, *Non-destructive testing — Qualification and certification of NDT personnel*

ISO/TS 25107, *Non-destructive testing — NDT training syllabuses*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/TS 18173 and ISO 9712 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1
course note
educational material that is used in the classroom to support learning objectives

Note 1 to entry: Supplied and produced by the organization in either paper or electronic format (e.g. course manual or presentation, assignments, lab exercises, quizzes, etc.).

3.2
course outline
document agreed between the organization and students that includes a high-level overview of what will be taught

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