Mittepurustav katsetamine. Tööstuslik radiograafiline film. Osa 2: Filmi ilmutamise kontrollimine soovituslike väärtuste abil (ISO 11699-2:1998)

Non-destructive testing - Industrial radiographic films -Part 2: Control of film processing by means of reference Tolion ochorated of the values (ISO 11699-2:1998)



EESTI STANDARDI EESSÕNA

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Essais non destructifs - Films utilisés en radiographie industrielle - Partie 2: Contrôle du traitement des films au moyen de valeurs de référence (ISO 11699-2:1998)

Zerstörungsfreie Prüfung - Industrielle Filme für die Durchstrahlungsprüfung - Teil 2: Kontrolle der Filmverarbeitung mit Hilfe von Referenzwerten (ISO 11699-2:1998)

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of ISO 11699-2:1998 has been prepared by Technical Committee ISO/TC 135 "Non-destructive testing" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11699-2:2011 by Technical Committee CEN/TC 138 "Non-destructive testing" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2012, and conflicting national standards shall be withdrawn at the latest by April 2012.

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The text of ISO 11699-2:1998 has been approved by CEN as a EN ISO 11699-2:2011 without any modification.

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Introduction

This part of ISO 11699 describes a procedure for the control of the film processing systems by users by processing calibrated pre-exposed strips.

The strips are exposed to X-rays and are accompanied by a certificate from the film strip manufacturer.

The user processes the pre-exposed strips in his system and records the results.

espc.
5 to 8, w In this part of ISO 11699, clause 4 shows the responsibility of the film strip manufacturer. The user is responsible for clauses 5 to 8, which show compliance with the chosen system classification.

Non-destructive testing — Industrial radiographic films —

Part 2:

Control of film processing by means of reference values

1 Scope

This part of ISO 11699 describes a procedure for the control of film processing systems.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 11699. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 11699 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 11699-1:1998, Non-destructive testing — Industrial radiographic films — Part 1: Classification of film systems for industrial radiography.

3 Definitions

For the purposes of this part of ISO 11699, the following definitions apply.

- **3.1 film system:** Combination of film and film processing which is carried ou in accordance with the instructions of film manufacturer and/or the manufacturer of the processing chemicals [ISO 11699-1].
- 3.2 film system class: Film system classification according to the limiting values given in table 1 of ISO 11699-1:1998.
- **3.3 film strip:** Piece of film material on which a step wedge can be exposed.
- 3.4 pre-exposed film strip: Film strip that is pre-exposed so as to present at least ten different densities after processing.
- **3.5 net density:** Optical density without base and fog density.

4 Manufacturing of pre-exposed film strips for control of the processing system

4.1 Size

The film strips shall have a minimum exposed area of 15 mm \times 100 mm. The pre-exposed film strips contain a step wedge for density measurements and a blank area for base plus fog density and long term storage time test.