DIN EN ISO 11699-2:2018-12 (E)

Non-destructive testing - Industrial radiographic films - Part 2: Control of film processing by m eans of reference values (ISO 11699-2:2018)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Manufacturing of pre-exposed film strips for control of the processing system ... **7**
4.1 Size ... 7
4.2 Selection of film strip type ... 7
4.3 Examples of production of pre-exposed film strips ... 7
4.4 Measurement fields and determination of reference values ... 8
4.5 Pre-exposed film strip certificate ... 9
4.6 Storage of pre-exposed film strips ... 10

5 User verification of compliance with a classified film system ... **10**
5.1 Film systems of same manufacturer of films and processing chemistry ... 10
5.2 Film systems of different manufacturer's films and processing chemistry (mixed systems) ... 10
5.3 Processing conditions ... 10
5.3.1 Automatic processing ... 10
5.3.2 Manual processing ... 11
5.4 Processing of pre-exposed film strips ... 11
5.5 Evaluation of the pre-exposed film strips ... 11
5.5.1 Calibration of densitometer ... 11
5.5.2 Parameters for processing system evaluation ... 11
5.5.3 Control of fixing and washing ... 11

6 Interpretation of results ... **12**
6.1 General ... 12
6.2 Limits for $\boldsymbol{D_0}$ ... 12
6.3 Speed index $(\boldsymbol{S_x})$ ... 12
6.4 Contrast index $(\boldsymbol{C_x})$ ... 12

7 Checking intervals ... **12**

8 Test report ... **12**

9 Compliance with film system classification ... **13**

Annex A (normative) **Method for processing control** ... **14**