ISO 11699-2:2018 (E)

Non-destructive testing — Industrial radiographic films — Part 2: Control of film processing by means of reference values

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

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

- 4.1 Size
- 4.2 Selection of film strip type
- 4.3 Examples of production of pre-exposed film strips
- 4.4 Measurement fields and determination of reference values
- 4.5 Pre-exposed film strip certificate
- 4.6 Storage of pre-exposed film strips

5 User verification of compliance with a classified film system

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

6 Interpretation of results

- 6.1 General
- 6.2 Limits for D0
- 6.3 Speed index (Sx)
- 6.4 Contrast index (Cx)

7 Checking intervals

8 Test report

9 Compliance with film system classification

Annex A (normative) Method for processing control

- A.1 General
- A.2 Strips for processing control
- A.3 Parameters for sensitometric evaluation
- A.4 Reference values
- A.5 Interpretation of results
- A.6 Documentation