## ISO 8794:2020 (E)

## Steel wire ropes — Spliced eye terminations for slings

## Contents

## Foreword

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Type of wire ropes
- 5 Splicing operation
- 6 Design requirements of the spliced eye termination
- 7 Prototype tests
  - 7.1 General
  - 7.1.1 Prototype test condition
  - 7.1.2 Samples
  - 7.1.3 Safety terms
  - 7.2 Tensile test to destruction
  - 7.2.1 Test machine
  - 7.2.2 Procedure
  - 7.2.3 Qualified results of tensile test
  - 7.3 Durability test
  - 7.3.1 Test conditions
  - 7.3.2 Procedure
  - 7.3.3 Qualified results of durability test
  - 7.4 Qualified results of prototype test

Annex A (informative) Method 1: Specification for hand-splicing of turn-back eye termination

- A.1 General
- A.2 Requirements
- A.3 Preparation
- A.4 Starting the splice
- A.5 Reduction of strands for fourth and fifth series of tucks

Annex B (informative) Method 2: Specification for hand-splicing of Flemish eye termination

- B.1 General
- B.2 Requirements
- B.2.1 Forming the eye
- B.3 Configuration of Flemish eye
- B.4 Starting the hand splice
- B.5 Splice detailed
- B.6 Treatment after splicing process
- Annex C (informative) Method 3: Specification for machine-aided hand-splicing of turn-back eye termination
  - C.1 General
  - C.2 Requirements
  - C.3 Treatment after splicing process

Page count: 15