# ISO 7989-2:2021-02 (E)

## Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2 : Zinc or zinc-alloy coating

## Contents

Page


**Foreword** ..... **iv**

**1 Scope** ..... **1**

**2 Normative references** ..... **1**

**3 Terms and definitions** ..... **1**

**4 Coating requirements** ..... **2**
4.1 Requirements for the coating material ..... 2
4.2 Requirements relating to coating on the wire ..... 2
4.2.1 Coating mass per unit area ..... 2
4.2.2 Coating requirements to salt-spray test ..... 3
4.2.3 Appearance of coating ..... 4
4.2.4 Dipping test ..... 4
4.2.5 Special finishes ..... 5
4.2.6 Adherence of coating ..... 5

**5 Test conditions** ..... **6**
5.1 Selection of samples ..... 6
5.2 Determination of coating mass per unit area ..... 7
5.2.1 General ..... 7
5.2.2 Gravimetric method ..... 7
5.2.3 Gaseous volumetric method ..... 8
5.3 Dipping test ..... 13
5.3.1 Principle ..... 13
5.3.2 Reagents ..... 13
5.3.3 Preparation of test piece ..... 13
5.3.4 Test procedure ..... 13
5.3.5 Interpretation of results ..... 14

**Bibliography** ..... **15**