

ISO 2232:2022-10 (E)

Round non-alloy steel wires for general purpose wire ropes, large diameter wire ropes and mine hoisting wire ropes -Specifications

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Wire characteristics	3
4.1	General conditions of manufacture	3
4.2	Diameter	3
4.2.1	Nominal diameter d	3
4.2.2	Actual diameter	3
4.3	Ovality of the wire	3
4.4	Type	4
5	Tensile grades	4
5.1	General	4
5.2	Reverse bend strength	5
5.3	Torsional strength	8
5.4	Zinc or Zn/Al alloy coating	10
6	Sampling	10
7	Tests	11
7.1	Measurement of actual diameter	11
7.2	Tensile test	11
7.3	Reverse bend test	11
7.4	Torsion test	11
7.5	Inspection of zinc or Zn/Al alloy coating	11
8	Certificate	12
8.1	General	12
8.2	Certificate of conformity	12
8.3	Full works certificate	12
8.4	Certificate of acceptance	12
9	Marking	12
10	Information to be supplied by the purchaser	12
Annex A (normative)	Determination of mass of zinc or Zn/Al alloy deposited per unit of surface area	13
Annex B (normative)	Test for adhesion of coating	16
Annex C (informative)	Zinc-aluminium alloy composition and coating performance	17
Bibliography		19