

ISO 4309:2004-08 (E)

Cranes - Wire ropes - Care, maintenance, installation, examination and discard

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Wire rope	3
3.1	Condition before installation	3
3.2	Installation	4
3.3	Maintenance	4
3.4	Examination	5
3.5	Discard criteria	7
4	Operating performance of wire rope	13
5	Condition of equipment related to rope	13
6	Rope examination record	13
7	Rope storage and identification	13
	Annex A (informative) Critical areas for examination, and associated defects	19
	Annex B (informative) Typical examples of rope examination record	20
	Annex C (informative) Internal examination of rope	22
	Annex D (informative) Defects that can occur in wire rope	25
	Annex E (informative) Examples of cross sections of ropes and corresponding rope category numbers (RCN)	34
	Bibliography	40