

DIN EN 13630-1:2025-12 (E)

Explosives for civil uses - Detonating cords and safety fuses - Part 1: Requirements

Contents		Page
European foreword		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Requirements for detonating cords	6
4.1	Information to be provided for detonating cords	6
4.1.1	Temperature of use	6
4.1.2	Storage conditions	6
4.1.3	Use in wet conditions	6
4.1.4	Means of initiation	6
4.1.5	Methods of connecting the detonating cord to another detonating cord	6
4.1.6	Index of initiating capability	6
4.1.7	Velocity of detonation	6
4.2	Requirements on properties of detonating cords	6
4.2.1	Thermal stability	6
4.2.2	Insensitiveness to friction	6
4.2.3	Insensitiveness to impact	7
4.2.4	Resistance to abrasion	7
4.2.5	Resistance to tension	7
4.2.6	Reliability of initiation	7
4.2.7	Resistance to water	7
4.2.8	Transmission of detonation from detonating cord to detonation cord	7
4.2.9	Initiating capability	7
4.2.10	Velocity of detonation	7
5	Requirements for safety fuses	7
5.1	Information to be provided for safety fuses	7
5.1.1	Temperature of use	7
5.1.2	Storage conditions	8
5.1.3	Use in wet conditions	8
5.1.4	Means of ignition	8
5.1.5	Burning duration	8
5.2	Requirements on properties of safety fuses	8
5.2.1	Thermal stability	8
5.2.2	Resistance to water	8
5.2.3	Burning duration	8
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2014/28/EU relating to the making available on the market and supervision of explosives for civil uses aimed to be covered		9
Bibliography		13