

DIN EN 13763-4:2025-12 (E)

Explosives for civil uses - Detonators and detonating cord relays - Part 4: Verification of resistance to abrasion of leading wires and shock tubes

| Contents | | Page |
|---|----------------------------------|-------------|
| European foreword | | 3 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 5 |
| 4 | Principle | 5 |
| 5 | Apparatus | 5 |
| 6 | Preparation of test sample | 10 |
| 6.1 | Leading wires | 10 |
| 6.2 | Shock tubes | 10 |
| 7 | Procedure | 10 |
| 7.1 | Leading wires | 10 |
| 7.2 | Shock tubes | 11 |
| 8 | Expression of results | 12 |
| 8.1 | Leading wires | 12 |
| 8.2 | Shock tubes | 12 |
| 9 | Test report | 12 |
| Annex A (normative) Specification of grinding steel for abrasive strips | | 13 |
| Annex B (informative) Method for monitoring the degradation of abrasive strips | | 15 |
| 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 | | 16 |
| Bibliography | | 17 |