



BSI Standards Publication

Explosives for civil uses — Propellants and rocket propellants

Part 2: Verification of resistance to electrostatic discharge of solid gun propellants

National foreword

This British Standard is the UK implementation of EN 13938-2:2025. It supersedes BS EN 13938-2:2004, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CII/61, Explosives for civil uses.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date

Text affected

English Version

Explosives for civil uses - Propellants and rocket propellants - Part 2: Verification of the resistance to electrostatic discharge of solid gun propellants

Explosifs à usage civil - Poudres propulsives et propergols pour propulseurs - Partie 2 : Vérification de la résistance à la décharge électrostatique des poudres pour armes

Explosivstoffe für zivile Zwecke - Treibladungspulver und Raketentreibstoffe - Teil 2: Bestimmung der Widerstandsfähigkeit gegen elektrostatische Energie

This European Standard was approved by CEN on 29 September 2025.

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European foreword

This document (EN 13938-2:2025) has been prepared by Technical Committee CEN/TC 321 “*Explosives for civil uses*”, the secretariat of which is held by UNE.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13938-2:2004.

EN 13938-2:2025 includes the following significant technical changes with respect to EN 13938-2:2004:

- a) the document title has been changed from “Part 2: Determination of resistance to electrostatic energy” to “Part 2: Verification of the resistance to electrostatic discharge of solid gun propellants”;
- b) the Scope has been revised to clarify that the document is only applicable to solid gun propellants;
- c) the normative references have been updated;
- d) the terminology entries 3.1 and 3.2 have been removed;
- e) the Clause 4 “Principle” has been added;
- f) the Clause “Apparatus” has been revised and completed;
- g) the Clause “Test pieces” is now called “Preparation of test sample” and has been revised to simplify the sieving procedure;
- h) the Clause “Procedure” has been revised so that no longer the resistance against electrostatic discharge is determined, instead, a verification of the resistance to electrostatic discharge at an energy level of 0,5 J is carried out;
- i) the Clause 8 “Expression of results” has been added;
- j) the Clause “Test report” does no longer require conformity with EN ISO/IEC 17025 and the information to be provided has been revised in accordance with the revised procedure;
- k) the former Annexes A “Range of applicability of the test method” and B “Sieving method” have been removed;
- l) the former Annex C is now Annex A and the former Annex D is now Annex B – both Annexes have been revised for clarification purposes;
- m) the Annex ZA has been updated;
- n) the Bibliography has been added and lists EN ISO/IEC 17025:2017.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.