

Irish Standard I.S. EN 1143-1:2012

Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, ATM safes, strongroom doors and strongrooms

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Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, ATM safes, strongroom doors and strongrooms

Unités de stockage en lieux sûrs - Prescriptions, classification et méthodes de test pour la résistance à l'effraction - Partie 1: Coffres forts, distributeurs automatiques de billets (DAB), portes fortes et chambres fortes

Wertbehältnisse - Anforderungen, Klassifizierung und Methoden zur Prüfung des Widerstandes gegen Einbruchdiebstahl - Teil 1: Wertschutzschränke, Wertschutzschränke für Geldautomaten, Wertschutzraumtüren und Wertschutzräume

This European Standard was approved by CEN on 16 March 2012.

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Foreword

This document (EN 1143-1:2012) has been prepared by Technical Committee CEN/TC 263 "Secure stroage of cash, valuables and data media", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

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

This European Standard supersedes EN 1143-1:2005+A1:2009.

Compared with EN 1143-1:2005+A1:2009, the following changes were made:

- a) Addition of requirements and technical type testing criteria for the conduct of the additional gas test on ATM safes of resistance grades II to VIII (Table 2; Clauses 4, 10 and sub-clause 12.4);
- b) Optimisation of the requirements and technical type testing criteria for the anchoring test on ATM safes (Table 2; 8.2) as a basis of the use of fixed and flexible ATM bases;
- c) Modification of the requirements for the resistance value for the post-detonation test in the conduct of the additional test with explosives (EX). The previous criterion of complete access was deleted and replaced with partial access (Tables 1 and 2 and sub-clauses 5.8e, 6.1, 7.5.4.4, 7.6.13, 7.7 and 9.5.1);
- d) Editorial clarifications in sub-clauses 3.12, 4.2.3 and 8.2.3.1.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Introduction

Tests are made, the results of which are used to classify the resistance to burglary. The resistance classification can also be used for designing security systems with the provision that, depending on the criminal, the conditions at the place of the crime and the availability of tools, considerably longer times are likely to occur in real burglary attacks than in a test.

Manual tests are included, whose results and repeatability is dependant on the skill of the testing team. Machine-related tests are under development and may be included when this European Standard is revised.



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