

# norm

# NEN-EN 1143-1/A1 (en)

Waardeberging - Eisen, classificatie en beproevingsmethoden van de weerstand tegen inbraak - Deel 1: Safes, kluisdeuren en kluisen

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

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ICS 13.310

Vervangt NEN-EN 1143-1:1997/Ontw. A1:1999

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ICS 13.310

English version

**Secure storage units - Requirements, classification and methods  
of tests for resistance to burglary - Part 1: 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, portes fortes et  
chambres fortes

Wertbehältnisse - Anforderungen, Klassifizierung und  
Methoden zur Prüfung des Widerstandes gegen  
Einbruchdiebstahl - Teil 1: Geldschränke, Tresorraumtüren  
und Tresorräume

This amendment A1 modifies the European Standard EN 1143-1:1997; it was approved by CEN on 8 November 2001.

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## **Foreword**

This Amendment EN 1143-1:1997/A1:2001 to EN 1143-1:1997 has been prepared by Technical Committee CEN/TC 263 "Secure storage of cash, valuables and data media", the secretariat of which is held by BSI.

This Amendment to the European Standard EN 1143-1:1997 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2002, and conflicting national standards shall be withdrawn at the latest by June 2002.

This amendment has been prepared by working group 1 of CEN/TC 263 "Secure storage of cash, valuables and data media", to add requirements for safes for currency exchange machines, teller assist machines, currency recycling machines, and automated teller machines (ATM safes). It also includes a change to the normative references and changes to permit accessories in strongrooms and strongroom doors (4.2.1), to alter the length and BV values for diamond core drills (Table A.12, column 'D or S') and to add new general requirements (4.2.3, 4.2.4 and 4.2.5).

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### **1 Scope**

after "(floor and wall)", add "ATM safes and ATM bases",

### **2 Normative references**

Delete prEN 1300 and replace with ENV 1300:1999

### **3 Definitions**

Add the following new terms and definitions

#### **3.19**

**ATM** (automatic teller machine)

means for holding and automatically issuing cash and/or valuables and which may also accept and store deposits of cash and/or valuables

**NOTE** For the purpose of this standard, automated teller machines, currency exchange machines, currency recycling machines and machines such as teller assist machines which are used only by authorised employees of financial institutions, are all types of ATM.

**3.20  
ATM system**

assembly of sub-units which provides an ATM function and affords security to cash and/or valuables stored within the ATM safe

NOTE An example of an ATM system is shown in Figure 1.

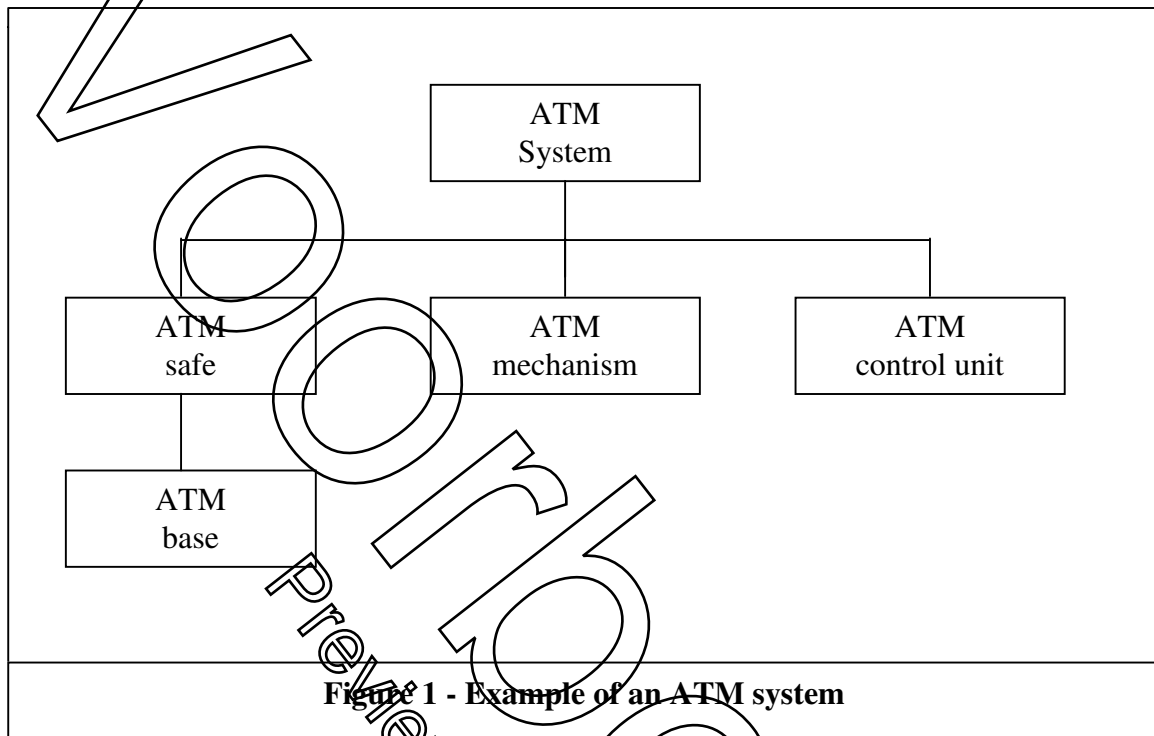


Figure 1 - Example of an ATM system

NOTE Of the sub-units shown in Figure 1, the ATM mechanism and the ATM control unit are not tested according to this standard.

**3.21  
ATM safe**

safe forming part of an ATM system

**3.22  
ATM base**

any integral part of an ATM system located between the ATM safe and the surface to which it is to be anchored

**3.23  
internal space**

that part of the interior of an ATM safe which is bounded by the inside surfaces of the ATM safe body and the boltwork cover plate(s)

## 4 Classification and requirements

Delete the text of the clause completely and replace with:

### 4.1 Classification

Safes are classified to a resistance grade according to Table 1. Strongroom doors and strongrooms (with or without door) are classified to a resistance grade according to Table 2. ATM safes are classified to a resistance grade according to Table 3. All products shall meet general requirements (4.2) and products with EX designation shall meet additional requirements (4.3).

### 4.2 General requirements

#### 4.2.1 Safes, strongroom doors and strongrooms

There shall be no holes through the protection material other than those necessary for locks, cables or anchoring, or for the fitting of accessories to strongroom doors and strongrooms.

Cable openings in safes, strongroom doors and strongrooms (with or without a door) shall not exceed 100 mm<sup>2</sup>. Unused cable entry openings shall be obstructed or plugged by the manufacturer by means which cannot be removed from the outside without leaving visible traces.

Free-standing safes with a mass of less than 1000 kg shall have at least one hole by which they can be anchored. The anchoring assembly for each anchoring hole shall sustain the force given in Table 1.

#### 4.2.2 ATM safes

ATM safes shall have means for plugging unused openings. These means shall be impossible to remove from the outside without leaving visible traces.

NOTE 1 Openings through the protection material for ATM functioning are permitted in ATM safes.

NOTE 2 Cable entry openings in ATM safes may be larger than 100 mm<sup>2</sup>.

ATM safes shall have a fixing capability by which they can be anchored and which shall sustain the required force given in Table 3.

#### 4.2.3 Boltwork cover plate

Safes, ATM safes and strongroom doors shall have an internal boltwork cover plate which prevents unauthorized viewing of the locks and boltwork, and access to them, when the door is open. Boltwork cover plates shall be secured so that they cannot be opened or removed without leaving visible traces.

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