ICS 91.140.90 SLOVENSKÁ TECHNICKÁ NORMA Marec 2026

STN	**Bezpečnostné pravidlá na konštrukciu a montáž výťahov Jestvujúce výťahy Časť 83: Pravidlá na zlepšenie odolnosti proti vandalizmu**	**STN EN 81-83** 27 4003

Safety rules for the construction and installation of lifts - Existing lifts - Part 83: Rules for the improvement of the resistance against vandalism

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/26

Obsahuje: EN 81-83:2025

Oznámením tejto normy sa od 30.11.2027 ruší
STN P CEN/TS 81-83 (27 4003) z apríla 2010

141996

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 81-83

November 2025

ICS 91.140.90

Supersedes CEN/TS 81-83:2009

English Version

Safety rules for the construction and installation of lifts - Existing lifts - Part 83: Rules for the improvement of the resistance against vandalism

Règles de sécurité pour la construction et l'installation des élévateurs - Ascenseurs existants - Partie 83 : Règles pour l'amélioration de la résistance aux actes de vandalisme

Sicherheitsregeln für die Konstruktion und den Einbau von Aufzügen - Bestehende Aufzüge - Teil 83: Regeln für die Verbesserung der Schutzmaßnahmen gegen mutwillige Zerstörung

This European Standard was approved by CEN on 11 August 2025.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 19 November 2025.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No. EN 81-83:2025 E

EN 81-83:2025 (E)

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European foreword

This document (EN 81-83:2025) has been prepared by Technical Committee CEN/TC 10 “Lifts, escalators and moving walks”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by May 2026, and conflicting national standards shall be withdrawn at the latest by November 2027.

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 CEN/TS 81-83:2009.

EN 81-83:2025 includes the following significant technical changes with respect to CEN/TS 81-83:2009:

a) transformation from a Technical Specification to a European Standard;

b) the methodology for the identification of hazards and the selection of risk reduction measures by priority levels (previous Annex A) have been moved to Clause 5;

c) all technical requirements for protective measures have been incorporated in the checklist in the normative Annex A which combines now the previous chapter 5 and the previous checklist in Annex A; this combination prevents duplication of technical requirements in the document and allows simplification of its use;

d) all references to protective measures have been updated to EN 81-71:2022.

This document is part of the EN 81 series of standards. The structure of the EN 81 series is described in CEN/TR 81-10:2008.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Introduction

General

This document is a type-C standard as stated in EN ISO 12100.

This document is of relevance, in particular, for the following stakeholder groups representing the market players with regard to machinery safety:

— machine manufacturers (small, medium and large enterprises);

— health and safety bodies (regulators, accident prevention organizations, market surveillance, etc.).

Others can be affected by the level of machinery safety achieved with the means of the document by the above-mentioned stakeholder groups:

— machine users/employers (small, medium and large enterprises);

— machine users/employees (e.g. trade unions, organizations for people with special needs);

— service providers, e.g. for maintenance (small, medium and large enterprises);

— consumers (in the case of machinery intended for use by consumers).

The above-mentioned stakeholder groups have been given the possibility to participate in the drafting process of this document.

The machinery concerned and the extent to which hazards, hazardous situations or hazardous events are covered are indicated in the Scope of this document.

When requirements of this type-C standard are different from those which are stated in type-A or type-B standards, the requirements of this type-C standard take precedence over the requirements of the other standards for machines that have been designed and built according to the requirements of this type-C standard.

General remarks

This document was developed to establish a methodology to specify at national level procedures for improving the resistance against vandalism of existing lifts. Existing lifts were installed to the state of the art appropriate at that time. This level is less than today’s state of the art, and in many applications, vandalism has not been considered or only a few features addressing vandalism have been installed.

In order to support this aim, this document is intended to help owners, authorities and lift designers/manufacturers to find practical solutions and ways of applying EN 81-71:2022 to existing lifts to improve the resistance against vandalism. Where, due to practical reasons, these standards cannot be fully applied, this document provides alternative proposals.

1 Scope

This document provides rules on how to apply EN 81-71:2022 to existing lifts to improve their vandal resistance. It is detailing the general requirement for vandal resistance as referred to in EN 81-80:2019, Annex A, Table A.1, No. 1.2.

NOTE EN 81-71:2018 referenced in EN 81-80:2019 has been replaced by EN 81-71:2022 without technical changes. The reference to category 0 has been removed.

This document applies to permanently installed lifts serving defined landing levels, having a car designed for the transportation of persons or persons and goods.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 81-20:2020, *Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts*

EN 81-71:2022, *Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts*

EN ISO 13857:2019, *Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019)*

EN ISO 12100:2010, *Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)*