



**SLOVENSKI STANDARD
SIST EN ISO 13850:2007**

01-marec-2007

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Safety of machinery - Emergency stop - Principles for design (ISO 13850:2006)

Sicherheit von Maschinen - Not-Halt - Gestaltungsleitsätze (ISO 13850:2006)

Sécurité des machines - Arrêt d'urgence - Principes de conception (ISO 13850:2006)

Ta slovenski standard je istoveten z: **EN ISO 13850:2006**

[SIST EN ISO 13850:2007](https://standards.iteh.ai/catalog/standards/sist/721dbb0b-c201-4132-8fd3-5acb19815185/sist-en-iso-13850-2007)

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ICS:

13.110 Varnost strojev Safety of machinery

SIST EN ISO 13850:2007 en

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English Version

**Safety of machinery - Emergency stop - Principles for design
(ISO 13850:2006)**

Sécurité des machines - Arrêt d'urgence - Principes de
conception (ISO 13850:2006)

Sicherheit von Maschinen - NOT-HALT -
Gestaltungsleitsätze (ISO 13850:2006)

This European Standard was approved by CEN on 6 November 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN members are the national standards bodies of Austria, Belgium, 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 and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 13850:2006) has been prepared by Technical Committee ISO/TC 199 "Safety of machinery" in collaboration with Technical Committee CEN/TC 114 "Safety of machinery", the secretariat of which is held by DIN.

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 2007, and conflicting national standards shall be withdrawn at the latest by May 2007.

This document supersedes EN 418:1992.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 and United Kingdom.

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Endorsement notice

[SIST EN ISO 13850:2007](https://standards.iteh.ai/catalog/standards/sist/en-iso-13850-2007)

The text of ISO 13850:2006 has been approved by CEN as EN ISO 13850:2006 without any modifications.

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ANNEX ZA
(informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC, amended by 98/79/EC

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 98/37/EC, Machinery, amended by Directive 98/79/EC.

Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirement(s) 1.2.4 of that Directive and associated EFTA regulations.

WARNING: Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

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**Safety of machinery — Emergency
stop — Principles for design**

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 13850 was prepared by Technical Committee ISO/TC 199, *Safety of machinery*, and Technical Committee IEC/TC 44, *Safety of machinery — Electrotechnical aspects*.

This second edition cancels and replaces the first edition (ISO 13850:1996), which has been technically revised. Notably, it incorporates the following significant changes:

- a) resetting of the emergency stop command is required to be manual (see 4.1.6);
- b) emergency stop devices are required to use mechanical latching (see 4.4.3).