

First edition  
2013-03-15

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# Lifts (elevators), escalators and moving walks — Programmable electronic systems in safety related applications —

Part 3:

## Life cycle guideline for programmable electronic systems related to PESSRAL and PESSRAE

*Ascenseurs, escaliers mécaniques et trottoirs roulants — Conception et mise au point des systèmes électroniques programmables dans les applications liées à la sécurité —*

*Partie 3: Lignes directrices pour le cycle de vie des systèmes électroniques programmables liés à PESSRAL et PESSRAE*



Reference number  
ISO/TR 22201-3:2013(E)

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Published in Switzerland

This is a preview of "ISO/TR 22201-3:2013". [Click here to purchase the full version from the ANSI store.](#)

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

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The committee responsible for this document is ISO/TC 178, *Lifts, escalators and moving walks*.

ISO 22201 consists of the following parts, under the general title *Lifts (elevators), escalators and moving walks — Programmable electronic systems in safety-related applications*:

- *Part 2: Escalators and moving walks (PESSRAE)*
- *Part 3: Life cycle guideline for programmable electronic systems related to PESSRAL and PESSRAE* [Technical Report]

When revised, ISO 22201:2009, *Lifts (elevators) — Design and development of programmable electronic systems in safety-related applications for lifts (PESSRAL)*, will become Part 1.

This is a preview of "ISO/TR 22201-3:2013". [Click here to purchase the full version from the ANSI store.](#)

## **Introduction**

This Technical Report addresses phases in the life cycle planning and actions for post-installation activities (e.g. maintenance, repair, and replacement and modification of interface) of PESSRAL and PESSRAE to help ensure the safety integrity level (SIL) over the life cycle of the system.