



Safety requirements for lifts (elevators)

Part 3: Global conformity assessment procedures (GCAP)—Prerequisites for certification of conformity of lift systems, lift components and lift functions



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 - Australian Building Codes Board
 - Australian Chamber of Commerce and Industry
 - Australian Elevator Association
 - Australian Industry Group
 - Communications, Electrical and Plumbing Union—Electrical Division
 - Engineers Australia
 - Lift Engineering Society of Australia
 - Property Council of Australia
 - Safe Work Australia
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Australian Standard[®]

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-004, Lift Installations.

The objective of this Standard is to specify prerequisites for application for a global conformity assessment procedure (GCPA) certificate of conformity.

This Standard is identical with, and has been reproduced from ISO/TS 22559-3:2011, *Safety requirements for lifts (elevators)*, Part 3: *Global conformity assessment procedures (GCAP)—Prerequisites for certification of conformity of lift systems, lift components and lift functions*.

As this Standard is reproduced from an International Standard, the following applies:

- (a) In the source text ‘this part of ISO/TS 22559’ should read ‘this Australian Standard’.
- (b) A full point substitutes for a comma when referring to a decimal marker.

This Standard is recommended to be read in conjunction with the following:

- (i) AS ISO 22559.1, *Safety requirements for lifts (elevators)*, Part 1: *Global essential safety requirements (GESRs)*.
- (ii) AS ISO 22559.2, *Safety requirements for lifts (elevators)*, Part 2: *Safety parameters meeting the global essential safety requirements (GESRs)*.
- (iii) ISO/TS 22559-4, *Safety requirements for lifts (elevators)*, Part 4: *Global conformity assessment procedures (GCAP)—Certification and accreditation requirements*.
- (iv) ISO 14798, *Lifts (elevators), escalators and moving walks—Risk assessment and reduction methodology*.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
ISO		AS/NZS ISO	
9000	Quality management systems— Fundamentals and vocabulary	9000	Quality management systems— Fundamentals and vocabulary
ISO/IEC		AS ISO/IEC	
17000	Conformity assessment—Vocabulary and general principles	17000	Conformity assessment—Vocabulary and general principles
ISO/TS		AS ISO	
22559	Safety requirements for lifts (elevators)	22559	Safety requirements for lifts (elevators)
22559-1	Part 1: Global essential safety requirements (GESRs)	22559.1	Part 1: Global essential safety requirements (GESRs)
22559-2	Part 2: Safety parameters meeting the global essential safety requirements (GESRs)	22559.2	Part 2: Safety parameters meeting the global essential safety requirements (GESRs)

Only normative references that have been adopted as Australian or Australian/New Zealand Standard have been listed.

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INTRODUCTION

0.1 The objective of the ISO/TS 22559 series of documents is stated in the Introduction to ISO/TS 22559-1 and ISO/TS 22559-2.

0.2 ISO/TS 22559-1 has established global essential safety requirements (GESRs) for lifts (elevators) by addressing hazards and safety risks that may be encountered on a lift (elevator). The GESRs state safety objectives that a lift (elevator) should achieve.

0.3 ISO/TS 22559-2 sets criteria for achieving conformity with safety requirements of GESRs by specifying global safety parameters (GSPs) that should be used and implemented, where applicable, in a lift (elevator) to eliminate hazards or mitigate safety risks addressed in the GESRs.

0.4 This part of ISO/TS 22559 sets prerequisite requirements that must be fulfilled before applying for a global conformity assessment procedure (GCAP) certificate of conformity in accordance with ISO/TS 22559-4.

0.5 ISO/TS 22559-4 sets procedures for certification of conformity of lift systems, lift components and lift functions and for accreditation of conformity assessment bodies (GCABs).

0.6 The ISO/TS 22559 series of documents provides a process for assessment of conformity of lift systems, lift components or lift functions with the safety requirements specified in ISO/TS 22559-1. It includes a structured methodology for establishing, documenting and demonstrating that necessary and appropriate protective measures are taken to eliminate hazards or sufficiently mitigate risks. This process is particularly useful for establishing safety of lift systems, lift components or lift functions involving innovative design or new technologies. If one is using the process, Parts 1 to 4 of the ISO/TS 22559 series should be used.

0.7 This part of ISO/TS 22559 envisages that a quality management system is used, e.g. ISO 9001 for applicants (see 3.1) and ISO 17021 for GCABs (see 3.4). Assessment of conformity to the ISO/TS 22559 series of documents does not imply conformity to ISO 9001.