

LIFT AND ESCALATOR SAFETY

Maintaining a safe and quality built environment for all

Earlier Enhancements

Tighter regime of Maintenance Requirements

- Outcome-based maintenance requirements introduced in 2016
- BCA conducts audit checks

Lifts & Escalators in Singapore

As of January 2020, there are about **70,000 Lifts** & **7,000 Escalators** in Singapore

NEW Enhancements

as part of an ongoing review

Enhance Quality of Design & Installation

NEW: L&E Plan Submission

Developers must **engage a QP, who is a Specialist Professional Engineer** in L&E, to **certify design plans** and submit them to BCA for approval

AIM:

- Ensure **upfront compliance** with code requirements
- Ensure **comprehensive & robust checks** to enhance upstream controls
- **Reduce likelihood of downstream safety & maintenance issues** due to poor design or installation

NEW: Product Certification

For lifts only:

As part of plan submission process, **QPs** required to submit **product certifications for**

- **key safety components**
- **lift models**

NEW: Industry Capabilities

1) Introduce Lift & Escalator Inspectors (LEIs)

- New group of L&E personnel to assist SPEs in site work
- Can be PEs, M&E graduates, Dip. Holders with relevant experience and fulfil requirements

2) Certification for lift maintenance personnel

- Basic competency certification for lift maintenance personnel
- SkillFuture funding available