

# Updates on Circulars, Upcoming Requirements and Type Testing Training for SPEs

**9 January 2023**

**Presented by :**

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# Agenda

1. Recent circulars
2. Maintenance Frequency of VPLs
3. Type Testing Training Programme for SPEs



# 1) Recent circulars



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# Recent circulars

## 1) CoC in Escalator Maintenance for Escalator Specialist

**Published date:** 01 March 2022

**Target audience:** Escalator service contractors

### Objectives:

- Update the industry on the launch of the **Certificate of Competency (CoC) in Escalator Maintenance for Escalator Specialist** jointly developed by BCA and ITE.

### Key Messages:

- BCA is amending the law to **mandate this Specialist Level certification for independent escalator maintenance works.**
- All Escalator Service Contracts are advised to **enroll their technicians for the CoCs** with ITE the soonest possible.



Link to circular: <https://go.gov.sg/bca-circular-coc-escalator-specialist>



## 2) Maintenance Outcomes for Vertical Platform Lifts

**Published date:** 1 June 2022

**Target audience:** Lift owners, lift service contractors

**Objective:** Clarification on maintenance requirements for vertical platform lifts (VPLs)

### Key Messages:

- The circular lists out the **specific maintenance requirements for VPLs**.
- BCA conducts audits based on the guide to ensure **maintenance outcomes for VPLs are met**.



Link to circular: <https://go.gov.sg/bca-circular-vertical-platform-lifts-maintenance>

## 3) Remote Monitoring and Diagnostics Solutions for Lifts

**Published date:** 29 July 2022

**Target audience:** Lift owners, lift service contractors, Remote Monitoring & Diagnostics (RM&D) solution providers

**Objective:** Inform the industry of changes made to the BSM (LEBM) Regulations 2016 to support the implementation of Remote Monitoring & Diagnostics (RM&D) solutions in lifts.

**Remark:**

- Owners who are ready may **apply to the Commissioner** to have their solutions assessed.
- Please refer to the **earlier sharing on RM&D** for more details.



Link to circular: <https://go.gov.sg/bca-circular-rmnd>



## 4) Statutory Duties of L&E Owners and Service Contractors

**Published date:** 1 August 2022

**Target audience:** L&E owners, service contractors

**Objectives:**

- Remind L&E owners and service contractors of their **statutory duties**

**Key Messages:**

- L&E owners and service contractors must **report L&E incident(s)** to BCA, and **preserve the incident site** for BCA's investigation.
- Lift must be **suspended immediately when found with unsafe conditions** as laid out in the circular, among other requirements.



Link to circular: <https://www.corenet.gov.sg/document-152361.aspx>

## 5) Annual Inspection and Testing Reports for PTO Renewal

**Published date:** 1 September 2022

**Target audience:** L&E service contractors & SPEs (L&E)

### Objectives:

- Inform the implementation of the **Annual Inspection and Testing Report** for PTO renewals **for escalators, hydraulic lifts, VPLs and stair/chair lifts**

### Key Messages:

- PTO expiring on/after **31 Jan 2023** – SPEs must **submit annual reports to the owners** for record filing during PTO renewal.
- From **1 April 2023** – SPEs must submit annual reports to the owner and also in **LEAP Portal** for the purpose of PTO renewal.



Link to circular: <https://go.gov.sg/annual-inspection-for-pt0-renewal>



Link to Annual Inspection and Testing Reports: <https://www1.bca.gov.sg/regulatory-info/lifts-escalators/lifts-and-escalators-legislation/forms-and-certificates>



## 6) Implementation of “LEAP” Portal

**Published date:** 4 November 2022

**Target audience:** L&E owners, service contractors, SPEs (L&E)

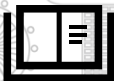
**Objective:** Inform the industry on the launch of the Lifts and Escalators Application (LEAP) Portal on 21 Nov 2022

**Remarks:**

- Please refer to the **earlier sharing on LEAP Portal** for more details.



Link to circular: <https://go.gov.sg/bca-circular-leap-portal>



Link to guide and other training resources: <https://www2.bca.gov.sg/leap/LandingPage/Index>

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## 7) Part 5B of The BC Act and New BC Regulations

**Published date:** 9 December 2022

**Target audience:** L&E owners, service contractors, SPEs (L&E)

**Objective:** Inform the industry on the commencement of

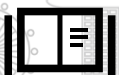
- **Part 5B of the Building Control Act (BC Act)**
- **New Building Control (Regulating Fixed Installation Contractors) Regulations on 9 December 2022**

**Key Messages:**

- Please refer to the **earlier sharing on “Fixed Installation (FI) Contractor Registration Enhancements”** for more details.
- Full compliance needed after the **grace period of 6 month.**



Link to circular: <https://go.gov.sg/bca-circular-bc-act-part5b>



Link to PWM Order: <https://www1.bca.gov.sg/regulatory-info/lifts-escalators/singapore-s-lift-industry-attracting-developing-and-retaining-our-local-workforce/progressive-wage-model-application-for-lift-firms>

Link to Conditions of Registration: <https://www1.bca.gov.sg/regulatory-info/lifts-escalators/lifts-and-escalators-legislation>

## 2) Maintenance frequency of vertical platform lifts (VPLs)



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# Maintenance Frequency of Vertical Platform Lifts

## Current Requirements

### Building Maintenance and Strata Management (Lift, Escalator and Building Maintenance) Regulations 2016

- Lift service contractors must carry out maintenance works in VPLs at least once every 3 months.

## Proposed Changes

Existing VPLs that serve more than one storey in public areas:

- Align the maintenance frequency to that of SS550 lifts installed in public spaces, i.e. **once every month**.
- VPLs are generally for low frequency use such as in dwelling units, and are not as robustly constructed compared to the conventional lifts in public spaces.
- Existing VPLs installed in public spaces should be maintained more frequently (i.e. once every month) to meet the high usage.



# 3) Type Testing Training Programme for SPE (L&E)



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# Training Opportunity on Type Testing

## Type Testing Requirements

- Safety components of a lift must be type-tested as per SS 550:2020
  - Door locking devices
  - Safety gears
  - Overspeed governor
  - Buffer
  - Rupture valve
  - Electronic safety components
  - Ascending car overspeed protection means
  - Unintended car movement with open doors protection means

## TÜV SÜD Industrie Service GmbH

- A Lift and Escalator Inspection Body and Notified Body in Germany, larger Europe and the world
- Type test certification issued by TÜV SÜD is accepted by BCA in fulfilment of lift design and plan submissions

## Training Opportunity

- BCA led learning trip in Nov 2022 to TÜV SÜD Germany facility and ThyssenKrupp Elevator test tower in Germany
  - Build capability
  - Gain deeper knowledge
  - Learn how to assess type testing reports



# Training Opportunity on Type Testing



## Component Type Test Requirements

- What are the respective test requirements and how each co-relates to the components' function in actual operation
- How to correctly interpret and analyse test results
- What are the instruments used in type testing
- How to identify fake components of certificates
- UCMP Analysis (verification of stopping distance)



## Type Testing of Model of Lift

- How supporting documentations are assessed
- How inspection works are carried out to ascertain safety components listed in the model type testing certification must match with the actual installed component

**BCA will notify all SPEs (L&E) when there is next training opportunity, and we encourage all SPEs to sign up and participate for the learning opportunity**

# Thank you



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