



Lifts and Escalators Application (LEAP) Webinar Briefing

18/20 October 2022 - SPE



- Please mute your devices during the briefing session.
- Feel free to raise any queries in the chat function throughout the briefing, we will answer them during Q&A time. Alternatively, you may raise your hand if you wish to speak up.
- For more questions that you may have after the briefing session, you can reach out to our email bca_pto@bca.gov.sg .



1. Opening and welcome
2. Overview of changes from OPTO to LEAP
3. Preparing for LEAP onboarding
4. Demonstration of LEAP
5. Q&A



- Since November 2017, permit to operate (“PTO”) applications for new, renewal as well as recommissioning of lifts and escalators (collectively termed as fixed installation) have been carried out through the existing Online Permit To Operate (“OPTO”) system.
- LEAP will include the regulation of Mechanised Carparking Systems (MCPS) when the relevant legislation is amended.
- As a continuing effort in providing better service to the industry with a more intuitive user experience, the new LEAP portal (<https://www2.bca.gov.sg/LEAP>) will go live on **14 November 2022 (To be confirmed)**.



1. Safe and Reliable L&E Sector

- **Integrated digital service platform for permit applications and efficient regulatory processes** to shape a safe and reliable L&E sector.

2. Elevated User Experience

- **Streamline permit renewal application process** and re-design user interface to elevate both internal and public experience.
- **Mobile-friendly and responsive platform** for Singapore with high mobile penetration rate.

3. Trusted Single Source of Truth for L&E Data

- **Building a single source of truth for L&E data to integrate internal work functions** so as to increase productivity & improve data analysis.





Overview of changes from OPTO to LEAP



1. For renewal of PTOs, **payment is now a parallel process** instead of a serial one
 - This means that owners and SPEs can perform their required roles in LEAP anytime during the 3-month renewal period.
 - PTO will be issued electronically once the submissions are made and payment is successful.
 - Existing GIRO setups will remain unchanged.
 - Active tracking of full load test of lifts under CP2/SS550 code of standard.
 - **Owners must initiate all renewal applications in LEAP for the first year.**



KEY CHANGES

2. For PTOs generated under LEAP, there will no expiry date printed on the PTO certificate

- Hardcopy PTO does not need to be replaced annually unless there are changes in the fields displayed or the PTO is torn/damaged.
- Members of public can scan the QR code to obtain the most updated information of the fixed installation, including the status, expiry date, maintenance contractor and certifying SPE.
- All owners are encouraged to print and display the updated PTOs by 31 January 2023.

Existing

Building and Construction Authority

PERMIT TO OPERATE
BUILDING MAINTENANCE AND STRATA MANAGEMENT (LIFT, ESCALATOR AND BUILDING MAINTENANCE) REGULATIONS 2016
REGULATION 10

PTO-L-20-0291736

LIFT ID / LIFT NO.	L74895 / 19D
OWNER	SIM BOON SING @ JOHN AND YOW KHAR HUEI
LOCATION OF LIFT	19D NIM ROAD SINGAPORE 804996
SPECIALIST PROFESSIONAL ENGINEER (PE Reg. No.)	CHEW CHEE CHONG (4580)
DATE OF EXPIRY	31 October 2021

COMMISSIONER OF BUILDINGS

This is a computer generated print out. No signature is required. Scan to verify information or visit www.bca.gov.sg/PTOEnquiry



New

Building and Construction Authority

PERMIT TO OPERATE
BUILDING MAINTENANCE AND STRATA MANAGEMENT (LIFT, ESCALATOR AND BUILDING MAINTENANCE) REGULATIONS 2016
REGULATION 10

LIFT ID / LIFT NO.	L74895 / 19D
OWNER	SIM BOON SING @ JOHN AND YOW KHAR HUEI
LOCATION OF LIFT	19D NIM ROAD SINGAPORE 804996

COMMISSIONER OF BUILDINGS



This is a computer generated print out. No signature is required.

SCAN HERE

For information on the validity of the Permit to Operate, please scan the QR code or visit www.bca.gov.sg/PTOEnquiry

<http://<Link> that will be clickable>

3. Log in will be through Singpass/Corppass for better security.

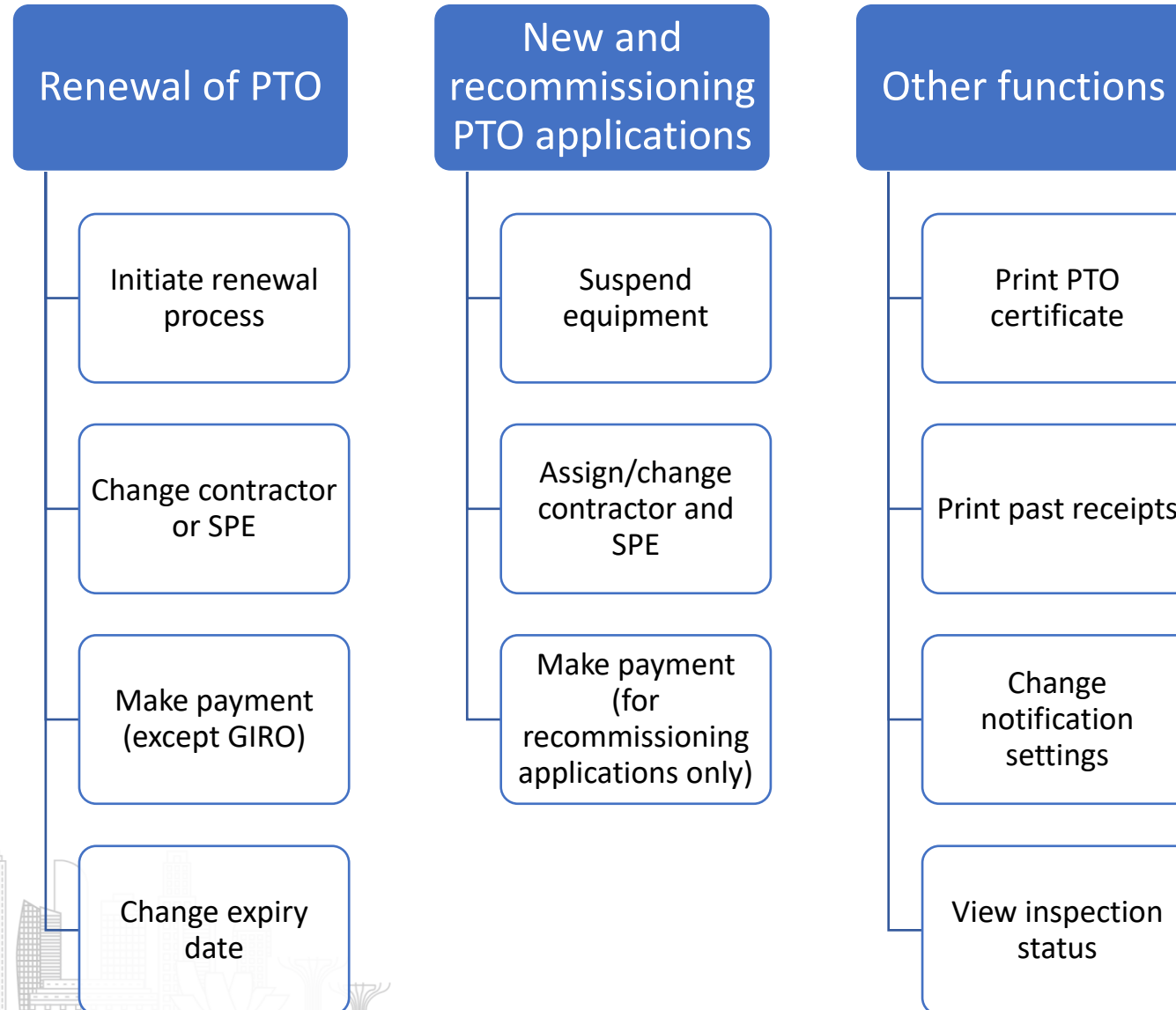
	<ul style="list-style-type: none">• Singpass is Singapore Government's trusted digital identity for all secure transaction needs in our everyday life serves to authenticate the identity of the person transacting online.• It is now the only login method for online corporate transactions with more than 160 government digital services.
	<ul style="list-style-type: none">• Singpass user can be authorized to transact on behalf of their businesses at www.corppass.gov.sg .• Corppass portal enables company administrators to specify the digital services that each employee can transact on the company's behalf.• If an employee leaves, or if anomalous activity is detected in the user account, the administrator can act immediately to deactivate or block the user's access.



4. Owner's representative can be allocated to perform basic renewal roles on behalf of the owner
 - Different parties will be able to log in with the Singpass/Corpass accounts for better identity assurance instead of relying of username and password.
 - With the function of owner's representative, specific equipment can be allocated to that party to perform annual renewal functions for better accountability.



4. Summary of functions available for owner's representative



5. Annual testing reports will be filled up by SPE and stored on LEAP

- Reports will be filled up and digitally signed by SPE and owners will have access to these reports

Existing hardcopy annual inspection report

**BUILDING MAINTENANCE AND STRATA MANAGEMENT ACT 2004
BUILDING MAINTENANCE AND STRATA MANAGEMENT
(LIFT, ESCALATOR AND BUILDING MAINTENANCE)
REGULATIONS 2016 ("BMSM (LEBM) Regulations")**

**REPORT FOR ANNUAL INSPECTION/LOAD TESTING
FOR APPLICATION FOR PERMIT TO OPERATE THE LIFT**

Commissioner of Buildings Building and Construction Authority 52 Jurong Gateway Road #11-01 Singapore 608550 Website: https://www.bca.gov.sg/	INSTRUCTIONS: (1) *Circle accordingly. (2) If "Not Satisfactory (NS)" is selected for any item, to indicate in the remarks column the reason(s) for selecting "NS". (3) Status of all items (except those marked as "Not Applicable (NA)") should be "Satisfactory (S)", at the point of inspection, before submission. (4) This checklist is not exhaustive. Specialist Professional Engineers ("SPE") must exercise their due diligence and flag out any other safety related observations that may affect the operation of the lift, not listed in this checklist.
--	--

Address/Location: _____ (Postal Code) _____

Lift ID/Number: _____ Year of Installation/Completion: _____

Type: Machine Room / Machine Roomless(MRL) / Home / Passenger / Goods / Others Applicable Code/Year: _____

Number of stops: _____ Rated speed (m/sec): _____

Test Date: _____; Full Load Test / No Load Test Rated Load: _____ (kg)



Items in the report can be filled up on PC/mobile

Choose the applicable standard(s)

Any other lift: Ss CP 2:2000 as amended by Amendment No. 1 published in January 2004

Remarks

remarks

Declaration

The equipment has been satisfactorily tested in accordance with the codes chosen above.

You may sign digitally or print, sign and upload a softcopy of the signed checklist.

Section A Checks for Annual Testing of Traction Lifts (both Full and/or No-Load Test)

Machine room/head room	Status	Satisfactory (S);	Not Satisfactory (NS);	Not Applicable (NA)	Remarks
1 Traction motor condition (e.g. coupling condition)	S	NS	NA		
2 Drive & traction and deflector sheaves (e.g. groove profile and condition)	S	NS	NA		
3 Gearbox (e.g. oil condition and level, excessive backlash, bearings condition)	S	NS	NA		
4 Effectiveness of brakes (checks include: free moving plunger, plunger lever movement, brake drum surface contamination, verification of air gap)	S	NS	NA		
5 Overspeed governor sheave condition	S	NS	NA		
Overspeed governor tripping mechanism	S	NS	NA		

6. Hardcopy forms will be digitalized

- E.g. Notification of suspension can be carried out via LEAP and owners will have the option to amend the date of suspension (assuming it has not passed yet)

Existing hardcopy of notification of major alteration of replacement works form

Notification in LEAP with the option to amend future suspension date

Building and Construction Authority

NOTIFICATION OF MAJOR ALTERATION OR REPLACEMENT WORKS ON LIFT(S)
[Regulation 17(1) of the Building Maintenance and Strata Management (Lift, Escalator & Building Maintenance) Regulations 2016]

Commissioner of Buildings
Building & Construction Authority
52 Jurong Gateway Road, #11-01
Singapore 608550
Website: <http://www.bca.gov.sg/>

INSTRUCTIONS
(1) Please read the attached Explanatory Notes before completing this form.
(2) One copy of this form is to be submitted.
(3) If an item is not applicable, it is to be indicated as "N/A".
(4) Please tick (✓) in the appropriate boxes.
(5) *Delete whichever is inapplicable.
(6) Please use separate forms for lift(s) of separate model(s) or by different manufacturer(s) or installed at different address(es) / location(s).
(7) ^ use separate sheet if necessary

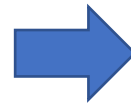
To be completed by building/structure owner

(1) *I/We hereby notify the Commissioner of the intended **major alteration or replacement works** that are to be carried out on the following lift(s):

Lift(s) ID	
Lift(s) address / location	
Name of lift service contractor to carry out the major alteration or replacement works	
Name and PE Reg. No. of Specialist Professional Engineer to supervise the major alteration or replacement works	

(2) *Description(s) and expected date of commencement of intended major alteration or replacement works on the lift(s):

Lift ID	List of major alteration or replacement works	Commencement date of major alteration or replacement works



www2-uat.bca.gov.sg/leap/Owner/Equipment/Suspend

A Singapore Government Agency Website

BCA LEAP All Lifts Escalators jon_beier Owner

Amend Suspension Date

🕒 Suspension request created

Start Date: 11/09/2022

Type of A/R works *

- Changing or removing any safety device of a lift, or adding any safety device to a lift
- Changing the mass of a lift car, including lift car finishing
- Changing the rated load or speed of a lift
- Changing the travel distance of a lift
- Changing the lift control operation (including Changing the software or type of driving machine or brakes)
- Changing the number, type or size of the hoisting ropes supporting a lift car or its counterweight
- Changing the size of the guide rails of a lift
- Changing the type of safety gear
- Changing the lift landing door, lift car door and lift car door drive and control
- Others (Applicable for the items that are not listed above or if the equipment is intended to be powered down for an extended period)

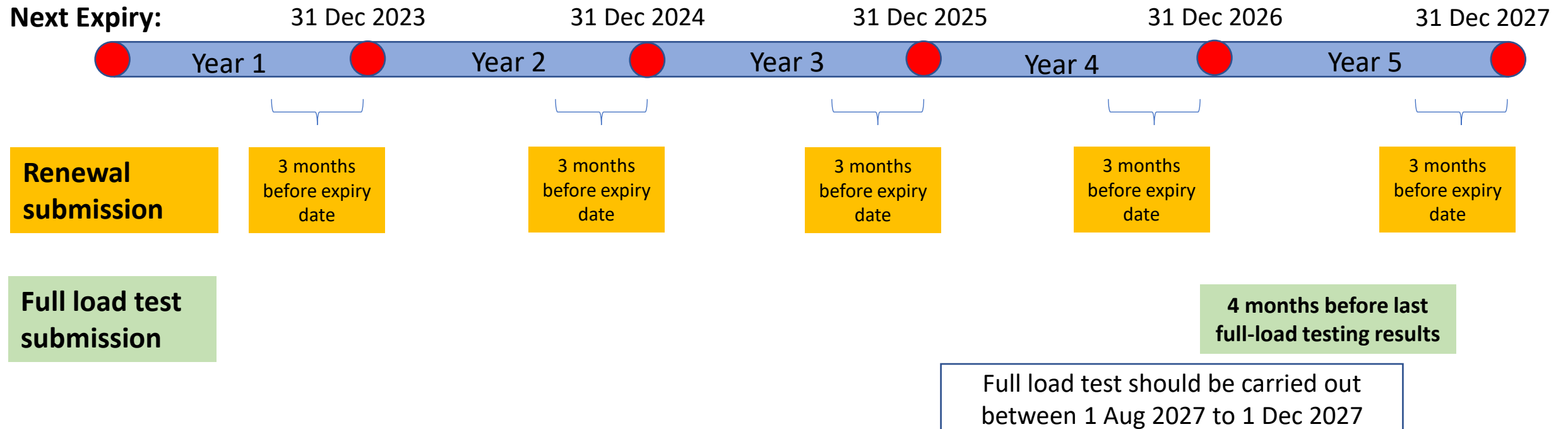


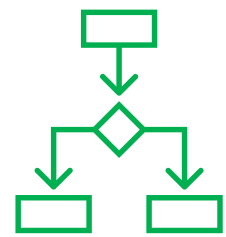
KEY CHANGES



- 7. Renewal window period will be kept strictly at 3 months before the expiry of the current PTO regardless of payment mode
 - Full load testing will also be actively tracked in LEAP
 - 4 months window period for the full load testing to be carried

Current PTO Expiry: 31 Dec 2022
Last full load test date: 1 Dec 2022





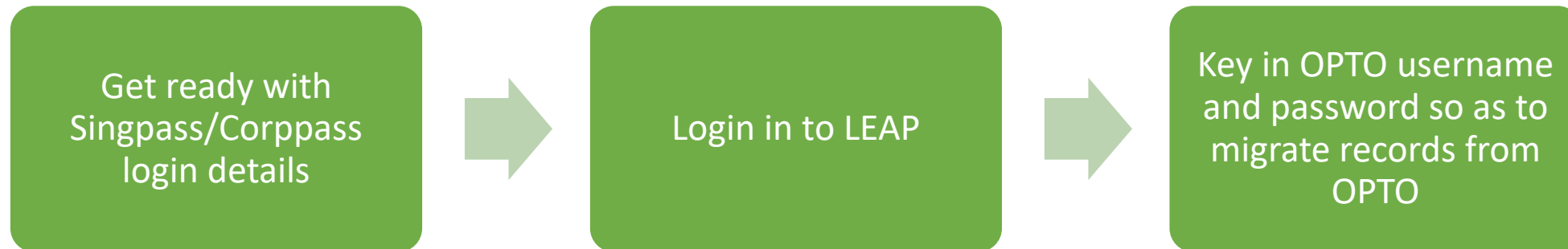
Preparing for LEAP onboarding



PREPARING FOR LEAP ONBOARDING



- Every owner must log in to LEAP via Singpass or Corppass so as to migrate the lifts/escalators records from OPTO.
- First-time users of LEAP will be asked to log in with their OPTO credentials (with Username and Password) so as to link their records with their LEAP account.
- This onboarding feature will be made available for 1 year till 14 Nov 2023.



Two purple icons: a computer monitor on the left and a server tower on the right.

Demonstration of LEAP



Supported browsers

Last 2 versions of:



Chrome



Edge



Firefox



Safari



Important points to note

singpass

SPEs must have valid SPCP account. Accounts are not to be shared. Do note that previous log in methods will no longer be available.



SingPass Mobile App is required for SPE SignSG signing. Please ensure that it is available on your phone. Procedure on how to digitally sign using SignSG is in the next slide.



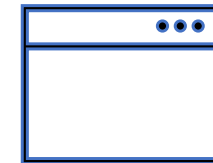
OPTO credentials are required for migrating OPTO account to LEAP.



Data connection and camera device (E.G: Phone/Tablet) is required for SPE scanning QR code for filling inspection checklist



Email verification is required for profile updates. SMS verification will be available in later releases.

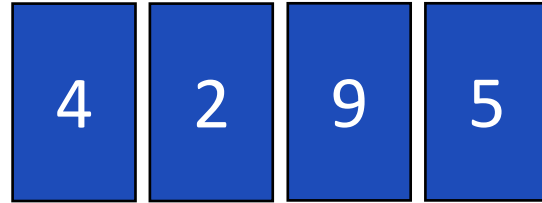


PTO Enquiry URL:
<https://go.gov.sg/ptoenquiry>
(The link will be live when LEAP is launched)



How to digitally sign with **singpass**

Sign with SingPass is a feature of the SingPass app that allows users to digitally sign an electronic document. It is essentially a security protected linkage to your signature, your identity and the document signed.



Scan the QR code

Match the reference code

Verify your identity

Sign

SPEs would be required to use SignSG at the point of final declaration before submitting the completed inspection. The same would be required of the SPE for a re-inspection due to request for more information/rejection. See user manual for further details.



Engineers



Specialized Professional Engineers (SPE)

The SPE's main role would be to create the new PTO for the owner and to carry out inspections for renewal and recommissioning an equipment. Inspections would either be a No Load Test or Full Load Test. At times, SPE may assign an LEI to carry out the required inspection.

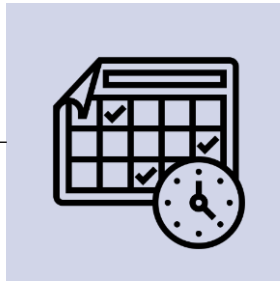


Lift Escalator Inspector (LEI)

In situations whereby an SPE would like to assign the inspection to LEI, after inspection is done by the LEI, SPE would then have to approve the inspection for the application to be deemed as completed.

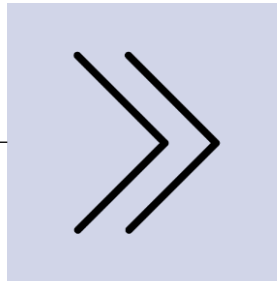


The main use of the LEAP system



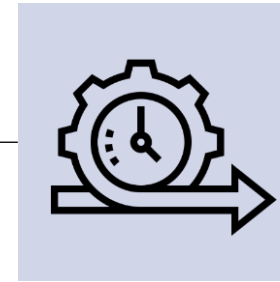
01

Renew
PTO



02

Recommission
PTO



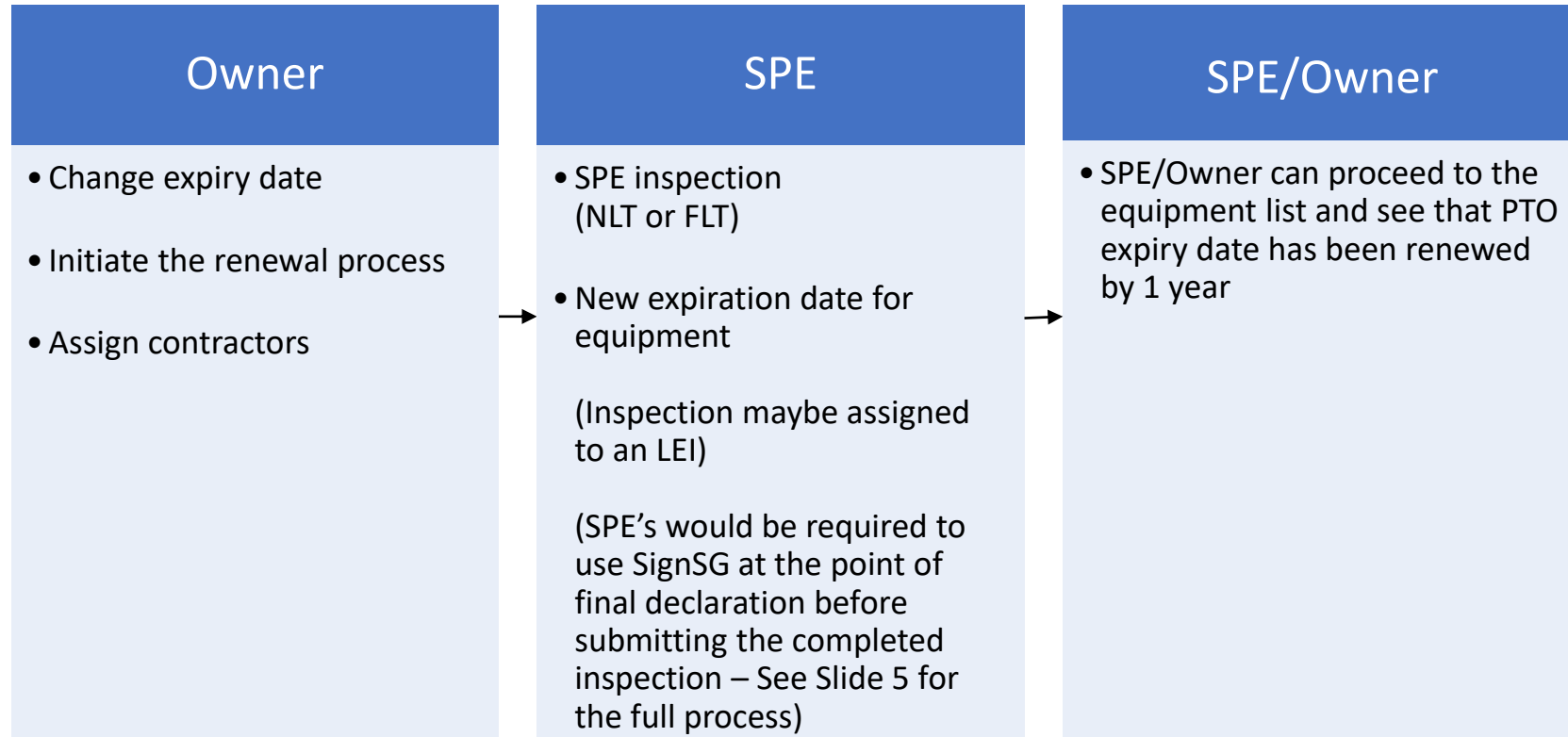
03

Create new
PTO



1. Renew PTO

The second main function of the LEAP system for SPE's is to allow for the renewal of a PTO. Upon completion of renewal, the expiration date of the equipment will be changed automatically.



Additional note:

When a No Load Test is conducted by the SPE, the PTO Expiry Date will be extended for one year.

When a Full Load Test is conducted by the SPE, the Next Full Load Test Expiry Date will be extended for ~5 years¹

¹ The Next Full Load Test Expiry Date change will depend on whether the Next FLT Expiry Date is within 4 months renewal window.



SPE inspection (NLT or FLT)

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

Equipment List

[+ Create New PTO Application](#)

0 Equipment Due for 5 Year Full Load Test	0 Equipment Pending Authorisation By SPE	0 Equipment PTO Expiring in 3 Months	0 Equipment Rejected by Owner
0 Equipment Pending amendments - BCA Comments	0 Equipment Pending Resumption of New PTO applications	0 Equipment Pending Recommission	0 Equipment All assigned

[+ Assign LEI](#) [✍ Initiate Recommission PTO Application](#) [+ Resume New PTO Application](#) [↓ Export To Excel](#)

0 item(s) selected [||| Display/Hide Columns](#) [Group By Column](#) [📄 Scan/Upload QR Code](#)

i You are only allowed to inspect equipment for Renewal and Recommission application after you scan/upload QR code.



SPE inspection (NLT or FLT)

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

Scan/Upload QR Code

Scan QR Code

Upload *

Upload a file or drag and drop

Upload required documents here (pdf, jpg, and png files less than 25MB). Files exceeding the limit will be compressed.

Cancel **Save**



SPE inspection (NLT or FLT)

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

Choose a test

Start No Load Test for Renewal PTO

Start Full Load Test for Renewal PTO

Once you have completed Full Load Test, you are not required to do No Load Test.

The screenshot shows a web application interface for the LEAP system. At the top, there is a navigation bar with the BCA logo, the LEAP logo, and menu items for 'All', 'Lifts', and 'Escalators'. The user's name 'susie43' and role 'SPE' are displayed in the top right. The main content area is titled 'Choose a test' and contains two buttons: 'Start No Load Test for Renewal PTO' and 'Start Full Load Test for Renewal PTO'. Both buttons are highlighted with red rectangular boxes. Below the buttons, a blue information box contains a note: 'Once you have completed Full Load Test, you are not required to do No Load Test.' A vertical sidebar on the left contains various icons for navigation and user management. The background of the interface features a blue-tinted image of an escalator.



SPE inspection (NLT or FLT)

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

Full Load Test Inspection Saved as Draft

01 CONFIRM DETAILS 02 RENEWAL PTO INSPECTION CHECKLIST 03 SUMMARY & FINAL SUBMISSION

Equipment Information Edit Equipment Details

Equipment ID EN-02210-006353	Equipment Type Passenger Lift	Equipment No (e.g., PL01) pl232
Owner Name, ID Kirk Leuschke, 92077dc9-4f23-465d-ae35-88dc0552debb	PTO Expiry Date 31/12/2022	Equipment Status Active
Testing Contractor SIGMA ELEVATOR SINGAPORE PTE LTD	Maintenance Contractor SIGMA ELEVATOR SINGAPORE PTE LTD	Installation Contractor SIGMA ELEVATOR SINGAPORE PTE LTD
SPE, ID Mariann Rubens, 3667fb81-7cae-4295-a957-83f0d75f04a7	LEI, ID N/A	Commissioning Date 14/09/2022



SPE inspection (NLT or FLT)

Confirm Details

Inspection Start Date

Date & Time

06/10/2022 13:29

Address Details

Block/House Number	5000	Street Name	testerer
Floor Number	N/A	Unit Number	N/A
Building/Estate Name	N/A	Postal Code	N/A

Testing Contractor: SIGMA ELEVATOR SINGAPORE PTE LTD | G4243450P

Maintenance Contractor: SIGMA ELEVATOR SINGAPORE PTE LTD | G4243450P

Installation Contractor ⓘ: SIGMA ELEVATOR SINGAPORE PTE LTD | G4243450P

[Save As Draft](#) [Previous](#) [Next](#)



SPE inspection (NLT or FLT)

Status: Satisfactory (S) Not Satisfactory (NS) Not Applicable (NA)

Machine room/ Head room

Hoist Way

Lift car and pit

Machine Room / Head Room full load test

Hoist way full load test

Lift car and pit full load test

Other Observations

Save As Draft < Previous Next >



SPE inspection (NLT or FLT)

[Remove](#)

[Add](#)

Declaration

The equipment has been satisfactorily tested in accordance with the codes chosen above.

I, as the supervising specialist professional engineer, declare that

- (1) I have checked and verified the measurements, observations and information, and I confirm that the measurements, observations and information as stated above are true and accurate as at the date of this submission.
- (2) I confirm that the lift contractor carried out the examination, inspection and testing of the lift in my presence.
- (3) I am of the opinion that the lift is fit and safe for operation and use.
- (4) I am not a partner, associate, director, officer or employee of the owner of the lift or the lift contractor carrying out the examination, inspection and testing of the lift.

You may sign digitally or print, sign and upload a softcopy of the signed checklist.

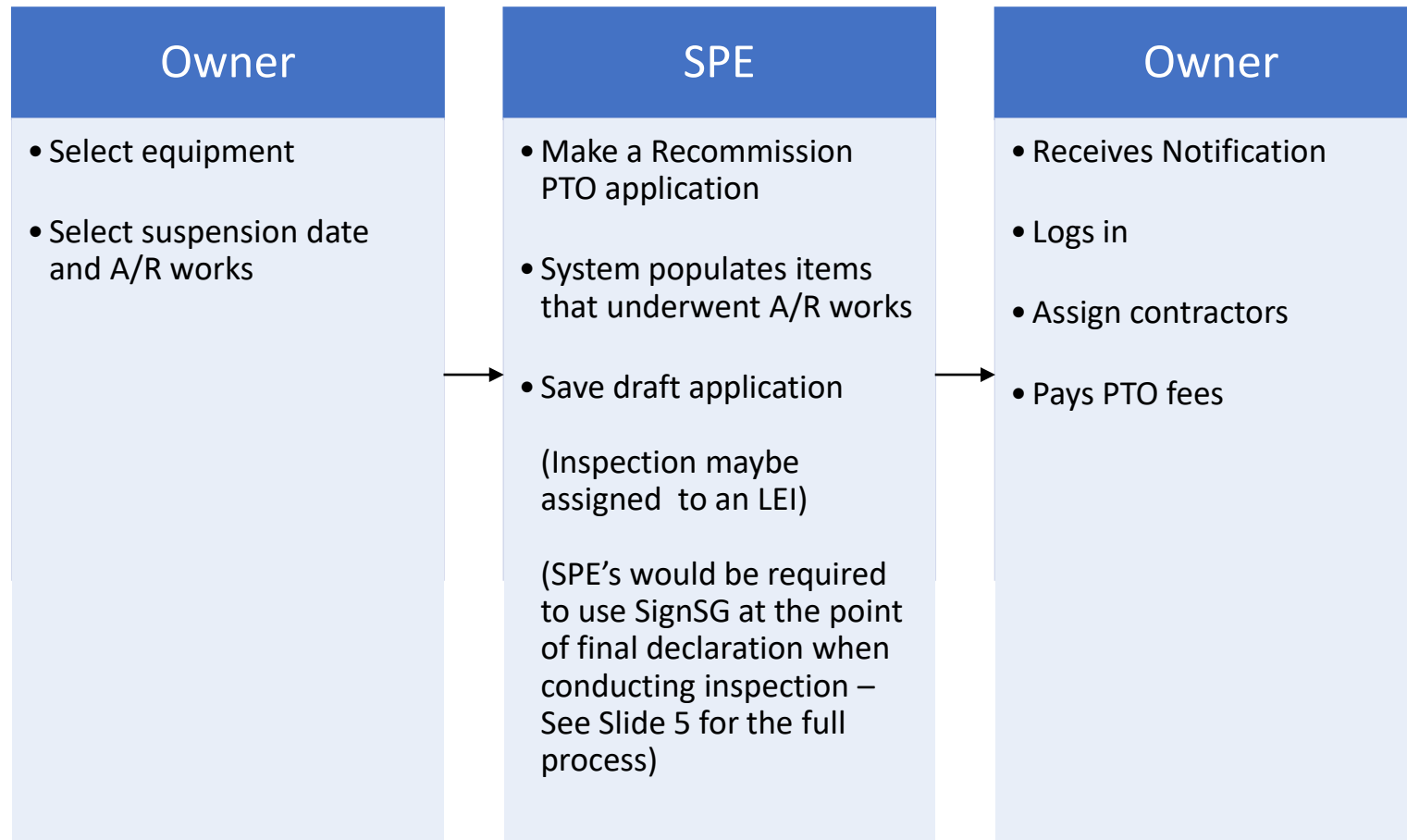
[Preview](#) [Sign With SignSG](#)

[Save As Draft](#) [< Previous](#) [Submit >](#)



2. Recommission of PTO

The third main function of the LEAP system is to allow for the recommissioning of an expired PTO.
An SPEs role would be to create the PTO recommission application.



Make a Recommission PTO application

Recommission Equipment

Equipment ID EN-02210-006353	Equipment Type Passenger Lift	Equipment No (e.g., PL01) pl232
Owner Name, ID Kirk Leuschke, 92077dc9-4f23-465d-ae35-88dc0552debb	PTO Expiry Date 31/12/2022	Equipment Status Suspended
Testing Contractor SIGMA ELEVATOR SINGAPORE PTE LTD	Maintenance Contractor SIGMA ELEVATOR SINGAPORE PTE LTD	Installation Contractor SIGMA ELEVATOR SINGAPORE PTE LTD
SPE, ID Betty Blick, 61be9b68-94de-473f-b1bd-a00eb5227375	LEI, ID N/A	Commissioning Date 14/09/2022

[Show more](#) ▼

Type of A/R works

- Changing or removing any safety device of a lift, or adding any safety device to a lift
- Changing the mass of a lift car, including lift car finishing
- Changing the rated load or speed of a lift
- Changing the travel distance of a lift
- Changing the lift control operation (including Changing the software or type of driving machine or brakes)
- Changing the number, type or size of the hoisting ropes supporting a lift car or its counterweight
- Changing the size of the guide rails of a lift



Make a Recommission PTO application

[Show more](#) ▾

Type of A/R works

- Changing or removing any safety device of a lift, or adding any safety device to a lift
- Changing the mass of a lift car, including lift car finishing
- Changing the rated load or speed of a lift
- Changing the travel distance of a lift
- Changing the lift control operation (including Changing the software or type of driving machine or brakes)
- Changing the number, type or size of the hoisting ropes supporting a lift car or its counterweight
- Changing the size of the guide rails of a lift
- Changing the type of safety gear
- Changing the lift landing door, lift car door and lift car door drive and control
- Others (Applicable for the items that are not listed above or if the equipment is intended to be powered down for an extended period)

Plan Submission is required?

Yes No

I declare that no plan submission is required for this equipment.

Building and Construction Authority

The Building and Construction Authority (BCA) champions the development and transformation



Make a Recommission PTO application

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

Scan/Upload QR Code

Scan QR Code

Upload *

Upload a file or drag and drop

Upload required documents here (pdf, jpg, and png files less than 25MB). Files exceeding the limit will be compressed.

Cancel Save



Make a Recommission PTO application

The screenshot shows a web browser window displaying the LEAP (Lifts and Escalators Assessment Platform) interface. The browser's address bar shows the URL "A Singapore Government Agency Website" and a link to "How to identify". The page header includes the BCA logo, the LEAP logo, and navigation links for "All", "Lifts", and "Escalators". The user's name "susie43" and role "SPE" are visible in the top right corner. A central dialog box titled "Choose a test" is open, featuring a prominent button labeled "Start Inspection for Recommission PTO" which is highlighted with a red rectangular border. A mouse cursor is positioned over this button. The left sidebar contains various icons for navigation and settings.



Make a Recommission PTO application

Confirm Details

Inspection Start Date

Date & Time
06/10/2022 13:48

Address Details

Block/House Number N/A	Street Name Ang Mo Kio
Floor Number N/A	Unit Number N/A
Building/Estate Name N/A	Postal Code N/A

Testing Contractor: SIGMA ELEVATOR SINGAPORE PTE LTD | G4243450P

Maintenance Contractor: SIGMA ELEVATOR SINGAPORE PTE LTD | G4243450P

Installation Contractor ⓘ: SIGMA ELEVATOR SINGAPORE PTE LTD | G4243450P

[Save As Draft](#) [Previous](#) [Next](#)



Make a Recommission PTO application

BCA Reviewer's Remarks

Owner's Remarks

Recommission PTO Inspection Checklist

Expand All Collapse All

Status: Satisfactory (S) Not Satisfactory (NS) Not Applicable (NA)

Other Observations

Save As Draft Previous **Next**

Building and Construction Authority

The Building and Construction Authority (BCA) champions the development and transformation



Make a Recommission PTO application

[Remove](#)

[Add](#)

Declaration

The equipment has been satisfactorily tested in accordance with the codes chosen above.

I, as the supervising specialist professional engineer, declare that

- (1) I have checked and verified the measurements, observations and information, and I confirm that the measurements, observations and information as stated above are true and accurate as at the date of this submission.
- (2) I confirm that the lift contractor carried out the examination, inspection and testing of the lift in my presence.
- (3) I am of the opinion that the lift is fit and safe for operation and use.
- (4) I am not a partner, associate, director, officer or employee of the owner of the lift or the lift contractor carrying out the examination, inspection and testing of the lift.

You may sign digitally or print, sign and upload a softcopy of the signed checklist.

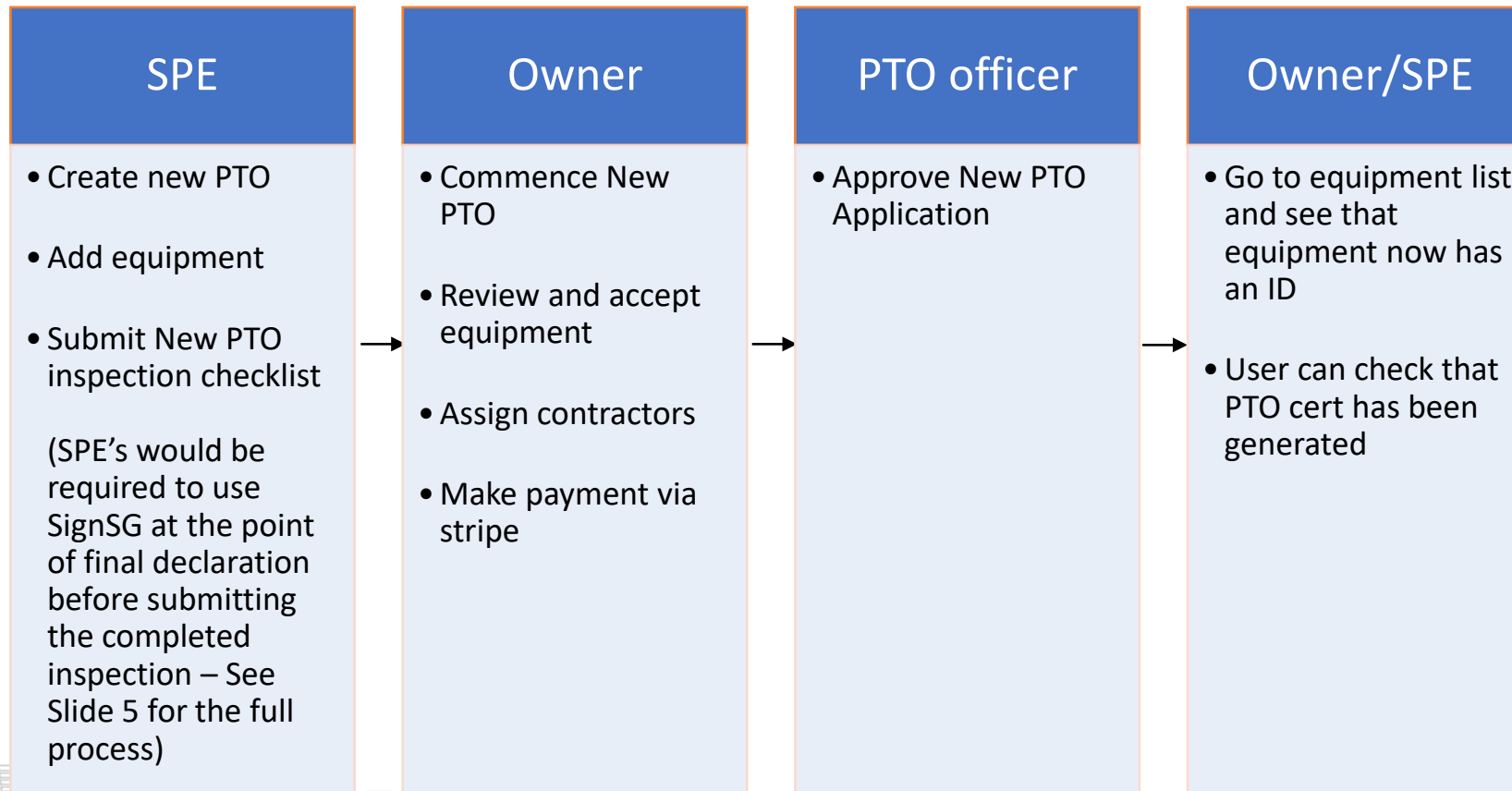
[Preview](#) [Sign With SignSG](#)

[Save As Draft](#) [Previous](#) [Submit](#)



3. Create new PTO

One of the main functions of the LEAP system is to allow for a submission of a New PTO. Upon completion, the equipment will be assigned an ID and the owner would be able to generate its PTO certificate.



Create new PTO

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

Equipment List

[+ Create New PTO Application](#)

0 Equipment
Due for 5 Year Full Load Test

0 Equipment
Pending Authorisation By SPE

0 Equipment
PTO Expiring in 3 Months

0 Equipment
Rejected by Owner

0 Equipment
Pending amendments - BCA Comments

0 Equipment
Pending Resumption of New PTO applications

0 Equipment
Pending Recommission

0 Equipment
All assigned

[Assign LEI](#)
[Initiate Recommission PTO Application](#)
[Resume New PTO Application](#)
[Export To Excel](#)

0 item(s) selected Display/Hide Columns Group By Column [Scan/Upload QR Code](#)

i You are only allowed to inspect equipment for Renewal and Recommission application after you scan/upload QR code.

<input type="checkbox"/>	EQUIPMENT ...	ADDRESS	POSTAL...	BUILDING ...	PTO EXPIRY DA...	NEXT FULL LOAD TEST EXPIR...	APPLICATION STATUS	APP ACTION
<input type="checkbox"/>	N/A	BLK 1k32--//, 345&&***Blk32--//, *Blk32--//, 4 - 2-//, 345345	345345	*Blk32--//	N/A	N/A	Pending Payment	View ...



Add equipment

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

New PTO Application

Plan Submission is required? Yes No

I declare that no plan submission is required for this equipment.

Owner Type * Home Owner Corporate Owner

HDB || ID : G9485554B

Equipment List

Add Equipment

Thursday, 6 October 2022



Add equipment

Add Equipment

Equipment No (e.g., PL01) Equipment Type *

Address Details

Block/House Number

Floor Number

Building/Estate Name

Development Type *

Street Name *

Unit Number

Postal Code

Technical Information

Year of Installation *

Speed * m/s

Width * mm

Span * mm

Model *

Length * mm

Rise * mm



Add equipment

Plan Submission is required

I declare that no plan is required

Owner Type *

Equipment List

Applicable Standard(s) * Add

Choose the applicable standard(s)

Remarks

Required

Test contractor *

Maintenance Contractor

Installation Contractor

Select an option

Search

SS 626:2017

SS CP 15:1980

SS CP 15:1990

SS CP 15:2004



Submit New PTO inspection checklist

A Singapore Government Agency Website [How to identify](#)

BCA | LEAP | All | Lifts | Escalators | susie43 SPE

New PTO Application

Plan Submission is required? Yes No

I declare that no plan submission is required for this equipment.

Owner Type* Home Owner Corporate Owner

HDB || ID : G9485554B

Equipment List Add Equipment

Group By Column

ADDRESS	POSTAL CODE	BUILDING NAME	EQUIPMENT ID	EQUIPMENT NO	EQUIPMENT STATUS	EQUIPMENT TYPE	View Inspection
▼ BLK 457, Tampines, Tampines Corner, 02 - 1500, 560459 (1 item)							
BLK 457, Tampines, Tampines Corner, 02 - 1500, 560459	560459	Tampines Corner	N/A	PL01	● Pending SPE Inspection	Escalator	Pending SPE Edit Start Inspection



Submit New PTO inspection checklist

A Singapore Government Agency Website [How to identify](#)

BCA LEAP All Lifts Escalators susie43 SPE

New PTO Application

Plan Submission is required? Yes No

I declare that no plan submission is required for this equipment.

Owner Type * Home Owner Corporate Owner

HDB || ID : G9485554B

Equipment List

Add Equipment

Group By Column

ADDRESS	POSTAL CODE	BUILDING NAME	EQUIPMENT ID	EQUIPMENT NO	EQUIPMENT STATUS	EQUIPMENT TYPE	View Inspection
▼ BLK 457, Tampines, Tampines Corner, 02 - 1500, 560459 (1 item)							
BLK 457, Tampines, Tampines Corner, 02 - 1500, 560459	560459	Tampines Corner	N/A	PL01	● Pending SPE Inspection	Escalator	Pending SPE <input type="button" value="Edit"/> <input checked="" type="button" value="Start Inspection"/>



Submit New PTO inspection checklist

The screenshot shows a web browser window with the following elements:

- Address bar: A Singapore Government Agency Website [How to identify](#)
- Header: BCA logo, LEAP logo, navigation menu (All, Lifts, Escalators), and user profile (susie43 SPE).
- Left sidebar: A vertical menu with icons for home, list, menu, expand, wrench, profile, document, settings, and help.
- Main content area: A white box titled "Choose a test" containing a button labeled "Start Inspection for New PTO".



Submit New PTO inspection checklist

<

Owner's Remarks

Confirm Details

Inspection Start Date

Date

Address Details

Block/House Number 457	Street Name Tampines
Floor Number 02	Unit Number 1500
Building/Estate Name Tampines Corner	Postal Code 560459

Testing Contractor <input type="text" value="SIGMA ELEVATOR SINGAPORE PTE LTD G4243450P"/>	Installation Contractor <i>i</i> <input type="text" value="9G ELEVATOR PTE LTD G3749998Q"/>
Maintenance Contractor <input type="text" value="C&W SERVICES OPERATIONS PTE LTD G7893587B"/>	



Submit New PTO inspection checklist

Owner's Remarks

New PTO Inspection Checklist

Expand All Collapse All

Status: Satisfactory (S) Not Satisfactory (NS) Not Applicable (NA)

Other Observations

1. Observations

Remarks +

2. Upload documents

Upload a file or drag and drop
Upload required documents here (pdf, jpg, and png files less than 25MB). Files exceeding the limit will be compressed.

Remarks +



Submit New PTO inspection checklist

Declaration

The equipment has been satisfactorily tested in accordance with the codes chosen above.

I, as the supervising specialist professional engineer, declare that

- (1) I have checked and verified the measurements, observations and information, and I confirm that the measurements, observations and information as stated above are true and accurate as at the date of this submission.
- (2) I confirm that the lift contractor carried out the examination, inspection and testing of the lift in my presence.
- (3) I am of the opinion that the lift is fit and safe for operation and use.
- (4) I am not a partner, associate, director, officer or employee of the owner of the lift or the lift contractor carrying out the examination, inspection and testing of the lift.

You may sign digitally or print, sign and upload a softcopy of the signed checklist.

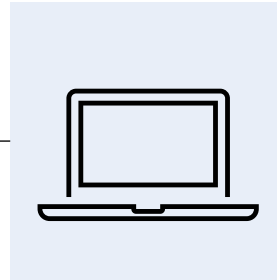
[Preview](#) [Sign With SignSG](#)

[Save As Draft](#) [< Previous](#) [Submit >](#)



Owner Representatives

SPEs are not involved in the assigning of an Owner representative, however SPE's should be aware that Owners may assign representatives to assist them in managing their accounts.



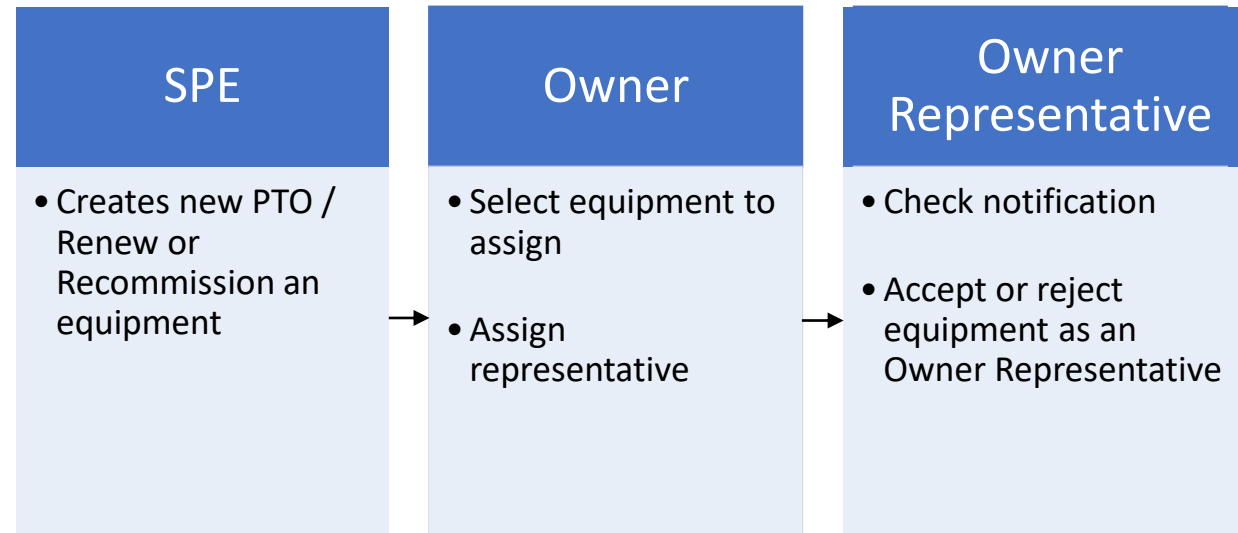
01

View from an
Owner Rep



Owner Representatives

Representatives can assist owners in renewing PTOs, paying renewal fees, suspending equipment, printing PTO certs and resuming recommissioned equipment after an SPE submission.



Owners View - Having multiple Owner Representatives

<

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📄

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📄

⚙️

!

Owner Representative(s)

<p>Jon Beier</p> <p>Access Duration 21/09/2022 - 24/09/2022</p> <p>There are 2 equipment(s) assigned</p> <p>Default Active</p>	<p>HDB</p> <p>Access Duration 05/09/2022 - Present</p> <p>There are 2 equipment(s) assigned</p> <p>Corporate Owner Active</p>	<p>Ang Mo Kio Town Council</p> <p>Access Duration 05/09/2022 - Present</p> <p>There are 0 equipment(s) assigned</p> <p>Corporate Owner Active</p>	<p>SP</p> <p>Access Duration 21/09/2022 - 24/09/2022</p> <p>There are 0 equipment(s) assigned</p> <p>Corporate Owner Active</p>
<p>9G ELEVATOR PTE LTD</p> <p>Access Duration 21/09/2022 - 24/09/2022</p> <p>There are 0 equipment(s) assigned</p> <p>Contractor Active</p>	<p>MITSUBISHI ELEVATOR (SINGAPORE) PTE. LTD</p> <p>Access Duration 07/10/2022 - Present</p> <p>There are 0 equipment(s) assigned</p> <p>Contractor Active</p>	<p>BNF ENGINEERING (S) PTE LTD</p> <p>Access Duration 21/09/2022 - 24/09/2022</p> <p>There are 0 equipment(s) assigned</p> <p>Contractor Active</p>	<p>FUJITEC SINGAPORE CORPORATION LTD</p> <p>Access Duration 08/09/2022 - 12/09/2022</p> <p>There are 0 equipment(s) assigned</p> <p>Contractor Inactive</p>

+ Add Another



Example of Owner representative view after being assigned an equipment by an Owner

The screenshot shows the LEAP web application interface. At the top, there is a navigation bar with the BCA logo, the LEAP logo, and menu items for 'All', 'Lifts', and 'Escalators'. The user's name 'jremnantj' and role 'Contractor' are displayed in the top right corner. A notification banner at the top of the main content area states: 'Kirk Leuschke has assigned you to be the owner representative for 1 equipment on 07/10/2022 11:20'. Below the notification, there are two cards: '1 Equipment Pending renewal' and '628 Equipment Pending Recommission'. Each card has a 'View all' link. A red box highlights the notification banner.



Example of Owner representative view after being assigned an equipment by an Owner

<
jremnantj
Contractor

☰ All
📄 Lifts
📄 Escalators

Confirm Representative Assignment

Current Owner Name, ID
Kirk Leuschke, M9652492N

Owner Type
Individual

Status
undefined

OWNER NAME ▲	EQUIPMENT ID ▲	ADDRESS ▲	POSTAL CODE ▲	BUILDING NAME ▲	EQUIPMENT STATUS ▲	EQUIPMENT TYPE ▲	APPLICATION STATUS ▲	APP
Kirk Leuschke	N/A	BLK 457, Ang Mo Kio , Ang Mo Kio Heights, 02 - 1500, 560457	560457	Ang Mo Kio Heights	Pending SPE Inspection	Platform Lift	Pending SPE Inspection	N

Remarks

Cancel
Reject
Accept



Other SPE/LEI Functionalities

There are a number of actions in which the owner would be able to conduct via the LEAP system

Scan & Upload QR code

To begin an inspection, SPE can scan the QR code of the equipment at the site or upload the QR code to upload it to the LEAP system. This would allow the SPE to begin the process of inspection for renewal.

Assign LEI (SPE only)

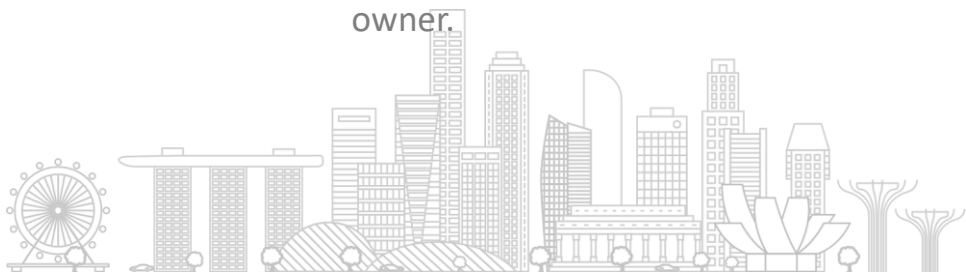
A situation may arise whereby an SPE would like to assign the required inspection to an LEI. If so, once the inspection is done by the LEI, SPE's would then have to approve the inspection for the application to be deemed as completed.

Submit Inspection

SPEs can use the LEAP system to submit the information of the equipment once inspection is done. This would then be received by the owner.

View Inspection

SPEs can use the LEAP system to view inspection of the equipment.



Other SPE/LEI Functionalities



Edit equipment details

SPEs can edit the details of an equipment such as equipment address, technical information etc.



Export equipment details

SPEs can export the details of an equipment into an excel. Required information can be filtered before export.



Edit user profile

SPEs can edit the details their profile.



Change notifications

SPEs can edit frequency of notifications and the type of events that would trigger notifications.



Q&A



HOW TO SPOT SIGNS OF PHISHING



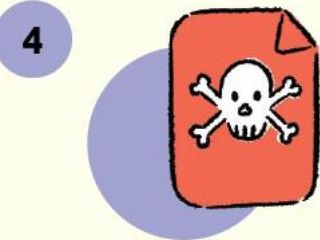
1 Mismatched & Misleading Information



2 Unexpected Emails



3 Use of Urgent or Threatening Language



4 Suspicious Attachments



5 Promise of Attractive Rewards



6 Request for Confidential Information

● ● ● [URGENT] CLAIM YOUR GIFT CARD OR ACCOUNT WILL BE DEACTIVATED

From: SGSHOPPING <SGSHOPPING@S1231.NET> 1

Date: 11 April 2018, 12.42 AM

To: John Tan 2

Subject: [URGENT] CLAIM YOUR GIFT CARD OR ACCOUNT WILL BE DEACTIVATED 3

Attached: 📎 Gift-Card-Redemption.exe (150kb) 4

Dear John,

Congratulations! We are pleased to inform you that you have won a \$100 gift card for our monthly lucky draw! 5

www.252749.co/d43IFk 1

Simply log on to www.sgshopping.com or fill up the attached document with your

6 NRIC, address and bank account details to claim your gift card. Failure to claim your prize within 24

3 hours will result in the permanent deactivation of your account.

- PDF slides as well as quick guides and FAQs will be uploaded to the landing page of LEAP at <https://www2.bca.gov.sg/LEAP> around 2nd week of November.
- Recorded webinar will be uploaded to the LEAP website when it is launched.
- For feedback and queries, please submit your enquiry through or call us at (65)1800-342 5222 (1800-DIAL BCA).

Kindly provide your feedback regarding this webinar through this link or scan the QR code



<https://go.gov.sg/leap-feedback>

QR
Code



Thank you

