

# Lift and Escalator Course for Inspectors

## INTRODUCTION

Participants will gain in-depth knowledge on the inspection of the lift and escalator installation and maintenance works in accordance to the prevailing standards.

## CONTENTS

The course is conducted over 4 days comprising 1-day of theory session (Module A) and 3-days of practical session (Module B). Participants are required to sit for an end-of-course assessment (for Module A).

### Module A - Theory

- Regulatory Framework
- Functions of the Mechanical and Electrical components
- Fire Lift and Emergency Operation
- Maintenance Outcome
- Case Studies

### Module B - Practical

- Periodic maintenance and examination Inspection
- Precaution check and preparation for testing
- Inspection and testing method
- Record and interpret results
- Inspection and rectification before resumption of operation

## LECTURERS

### ER LAI YUN TAI, C&W Services Operations Pte Ltd

Er Lai is the Deputy Director of C&W Services Operations Pte Ltd and is responsible for overall planning, operation, and maintenance of lifts and escalators. Er Lai is a registered Professional Engineer (Electrical) in Singapore and a Specialist Professional Engineer in Lift and Escalator registered with PEB, Singapore.

### MR LOO KUM HONG, Nexco Enterprise

Mr Loo has more than 30 years' experience in the lift and escalator industry. He has vast experience in lift and escalator inspections for various lifting appliances for constructions. He conducted annual renewals and authority licensing, conditional, technical and operational audits for lifts, escalators and other engineering works.

## TARGET AUDIENCE

- Technical professionals who wish to register as Lift and Escalator Inspector
- Professional Engineer in Mechanical or Electrical discipline

## ASSESSMENT & AWARD

This course comprises of end-of-course assessment. An e-Certificate of Successful Completion (e-CSC) for the course will be issued to participants who achieve at least 75% class attendance and pass the end-of-course assessment.

Participant who had successfully completed the course will be allowed to sit for ONE attempt of the Lift and Escalator Inspector registration exam administered by the Joint Accreditation Council (JAC). Details of the registration exam will be provided in due course.



## BLENDED LEARNING

Comprises online and classroom session. May include pre-recorded session, live streaming/webinar and discussion forum, where applicable.

### 7<sup>th</sup> RUN

#### ONLINE LEARNING VIA WEBINAR:

Module A (Theory): Online Synchronous Learning  
Date: May 2022 (to be advised)

#### CLASSROOM HANDS-ON LEARNING:

Module B (Practical): Classroom Hands-On Learning  
Date: May 2022 (to be advised)  
Venue: ITE College East

#### END-OF-COURSE ASSESSMENT

Date: May 2022 (to be advised)  
Venue: BCA Braddell Campus

**FEE** (incl of GST): S\$2,550.00

\*Skills Development Fund (SDF) funding is available for this course. BCA Academy will apply the funding for applicant through [www.tpgateway.gov.sg](http://www.tpgateway.gov.sg) (terms and conditions may apply).

#### CPD POINTS

PEB: -



### REGISTRATION

To register, please log into our Online StoreFront (OSF) at <https://eservices.bcaa.edu.sg/registration/#/> Login or scan QRcode and search for course code **80032**

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## LECTURERS

### ER PATRICK FOONG, *Managing Director, Singapore Green Engineers Pte Ltd*

Er Foong holds an MSc. in Engineering from the National University of Singapore. He specialises in energy-efficient retrofits to existing chiller plants and escalator system inspection. Er Foong is a Professional Engineer (Mechanical) and Specialist Professional Engineer (Lift and Escalator) registered with the Professional Engineers Board, Singapore. He is also a Registered Inspector (M&E), Authorized Examiner (Lifting Equipment), QuESS, Energy Auditor, SCEM and Green Mark Professional.

### MR LOO KUM HONG, *Nexco Enterprise*

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### 7<sup>th</sup> RUN

#### ONLINE LEARNING VIA WEBINAR:

Module A (Theory): Online Synchronous Learning

Date: May 2022 (to be advised)

Time: 9.00am to 5.30pm

#### CLASSROOM HANDS-ON LEARNING:

Module B (Practical): Classroom Hands-On Learning

Date: May 2022 (to be advised)

Time: 9.00am to 5.00pm

Venue: ITE College East

#### END-OF-COURSE ASSESSMENT

- May 2022 (to be advised)

Time: 9.00am to 10.00am

Venue: BCA Braddell Campus

#### FEES (incl of GST): S\$2,550.00

SkillsFuture Singapore (SSG) funding is available for eligible participants as follows:

- Singaporeans 40 years old and above and/or SME company sponsored: up to 90% of the full course fees. Fee payable after funding: \$1,175.00
- Singapore PR and non SME company sponsored participants: up to 50% of the full course fees. Fee payable after funding: \$2,137.50

#### CPD POINTS

PEB: -



#### REGISTRATION

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