

Our Ref: APPBMSMA-2022-01

01 March 2022

See Distribution List

Dear Sir/Madam

LAUNCH OF THE CERTIFICATE OF COMPETENCY (COC) IN ESCALATOR MAINTENANCE FOR ESCALATOR SPECIALIST

AIM

The purpose of this circular is to update the industry on the launch of the Certificate of Competency (CoC) in Escalator Maintenance for Escalator Specialist jointly developed by the Building and Construction Authority (BCA) and the Institute of Technical Education (ITE).

BACKGROUND

2 In September 2018, the Lift and Escalator Sectoral Tripartite Committee (L&E STC) released its recommendations to improve the attractiveness of the lift maintenance service industry to Singapore residents. The set of recommendations aimed to upskill the workforce through competencies-based courses and certification aligned to the recommended Progressive Wage Model (PWM) for lift maintenance personnel. The full report of the L&E STC and the press release on Government's response to the L&E STC report may be found at: https://www.bca.gov.sg/liftsafety/lift_escalator_STC_PWM.html.

3 As part of the recommendations in improving the L&E service industry through upskilling of the workforce, BCA and ITE have since been working closely on developing and rolling out the various certification courses in alignment with the Technical Skills and Competencies (TSC) framework to support the Lift PWM.

4 In January 2019, the first CoC in Lift Maintenance for Lift Specialist was launched. Since then, further upskilling courses and CoCs under the TSC framework for the lift maintenance personnel have been progressively rolled out.

PWM FOR THE L&E SECTOR

5 In July 2021, the Tripartite Committee for Lifts and Escalators (TCLE) released a subsequent set of recommendations to expand the PWM to include escalator maintenance personnel. Please refer to **Annex A** for more details on the PWM wage ladder for the resident L&E maintenance workers, extracted from the report of the TCLE. The full report and the relating press release can be found at: <https://go.gov.sg/bca-tcle-report-2021>.

COMPETENCY CERTIFICATION FOR ESCALATOR MAINTENANCE PERSONNEL

6 Similar to the Lift PWM, BCA and ITE are working on a series of training and certification courses under the TSC framework to support the Escalator PWM and will be rolling out the course for each competency level in phases. Please refer to **Annex B** for the list of courses at each PWM level available for both the lift and escalator maintenance personnel.

7 BCA and ITE are pleased to announce the latest launch of the CoC in Escalator Maintenance for Escalator Specialist. This is the first CoC to be launched under the TSC framework for the Escalator PWM and it aims to provide competency certification for all escalator maintenance personnel¹ at the “Specialist” level.

8 The CoC is now open for registration at <https://www.ite.edu.sg/courses/part-time-courses/skillsfuture-series-certificate-of-competency/engineering>. Government subsidies are also available for Singaporeans and Permanent Residents. Please refer to **Annex C** on the details relating to the course and **Annex D** on the Government subsidies.

9 You are strongly encouraged to enrol your technicians for the certification course to ensure that they are adequately trained and competent to maintain the escalator independently without supervision. To avoid sudden surge in demand for the course, please commence the enrolment with the ITE early.

ENQUIRIES

CoC, Registration and Subsidies

10 For further enquiries on the course information, registration and subsidies relating to CoC in Escalator Maintenance for Escalator Specialist, please contact ITE [Yohanes Sukiman@ite.edu.sg](mailto:Yohanes_Sukiman@ite.edu.sg) or call ITE Hotline at 1800-2222 111.

Escalator Maintenance PWM and New Legislative Amendments

11 For enquires and assistance relating to the Escalator PWM, please contact BCA at <https://www.bca.gov.sg/feedbackform/> or call 1800-3425222 (1800-DIAL BCA).

Yours faithfully



TEO ORH HAI
GROUP DIRECTOR
ELECTRICAL AND MECHANICAL ENGINEERING GROUP
BUILDING AND CONSTRUCTION AUTHORITY
for COMMISSIONER OF BUILDING CONTROL



DEREK YEO (DR)
DIVISIONAL DIRECTOR
CONTINUING EDUCATION AND TRAINING
INSTITUTE OF TECHNICAL EDUCATION

¹ Escalator maintenance personnel will include passenger conveyer maintenance personnel

ANNEX A – PWM Wage Ladder for the Resident L&E Maintenance Workers

PWM Baseline Wage Floor (Monthly Basic Salary excluding overtime pay and other payments)								CAGR	Min – Max Ratio
PWM Job Level	2022	Effective from 1 st July each year							
		2023	2024	2025	2026	2027	2028		
Assistant L&E Specialist	\$1,850	+ \$225	+ \$225	+ \$225	+ \$225	+ \$165	+ \$165	8.9%	1.3
		\$2,075	\$2,300	\$2,525	\$2,750	\$2,915	\$3,080		
L&E Specialist	\$2,250	+ \$210	+ \$210	+ \$210	+ \$210	+ \$190	+ \$190	7.5%	1.5
		\$2,460	\$2,670	\$2,880	\$3,090	\$3,280	\$3,470		
Senior L&E Specialist	\$2,600	+ \$205	+ \$205	+ \$205	+ \$205	+ \$200	+ \$200	6.6%	1.5
		\$2,805	\$3,010	\$3,215	\$3,420	\$3,620	\$3,820		
L&E Supervisor	\$2,800	+ \$215	+ \$215	+ \$215	+ \$215	+ \$215	+ \$215	6.5%	1.5
		\$3,015	\$3,230	\$3,445	\$3,660	\$3,875	\$4,090		
Principal L&E Specialist	\$3,200	+ \$130	+ \$130	+ \$130	+ \$130	+ \$215	+ \$215	4.4%	1.5
		\$3,330	\$3,460	\$3,590	\$3,720	\$3,935	\$4,150		

ANNEX B – A List of Courses Available at Each PWM Job Level under the TSC Framework.

1. Lift TSC

PWM Level	Main certification courses available from ITE	Status
Assistant Specialist	Engineering-related Nitec programmes	Launched
Specialist	CoC in Lift Maintenance for Lift Specialist	Launched in Jan 2019
Senior Specialist	CoC in Lift Maintenance for Senior Lift Specialist	Launched in Sept 2020
Principal Specialist / Supervisor	Work-Study Diploma in Vertical Transportation	Launched in April 2019

Note: applicants may sign up for upskilling courses to attain more knowledge and training in lift maintenance so as to prepare themselves for the certification at various PWM levels. Upskilling courses can be accessed via the same link in paragraph 8 above.

2. Escalator TSC

PWM Level	Main certification courses available from ITE	Status
Assistant Specialist	Engineering-related Nitec programmes	Launched
Specialist	CoC in Escalator Maintenance for Escalator Specialist	To be launched in April 2022
Senior Specialist	CoC in Escalator Maintenance for Escalator Senior Specialist	Upcoming
Principal Specialist / Supervisor	Work-Study Diploma in Vertical Transportation	Launched in April 2019

Note: applicants may sign up for upskilling courses to attain more knowledge and training in escalator maintenance so as to prepare themselves for the certification at various PWM levels. Upskilling courses can be accessed via the same link in paragraph 8 above.

ANNEX C – Details on the Certificate of Competency (CoC) in Escalator Maintenance for Escalator Specialist

Details of the Certificate of Competency in Escalator Maintenance for Escalator Specialist

1. The duration of the CoC in Escalator Maintenance for Escalator Specialist is 14 hours, with an aim to equip and certify the competency of escalator maintenance personnel, who will be working independently, performing maintenance and observing safety standards in escalator servicing and maintenance. The assessment would cover topics such as interpretation of codes of practices and regulations, use of various maintenance or special testing tools, perform safety checks and testing of major components and carry out troubleshooting relate to escalators.

2. Escalator firms can support their workers through on-job training. Alternatively, firms may also sign their workers up for the relevant CoC courses offered by ITE to help prepare the participants for the CoC in Escalator Maintenance for Escalator Specialist certification.

ANNEX D – Fee Subsidies for CoC in Escalator Maintenance for Escalator Specialist

Fee Subsidies for CoC in Escalator Maintenance for Escalator Specialist

Subsidies for the fees are available to workers who are Singaporeans or Permanent Residents, detailed in the table below:

Scheme	Applicable for	Nett Fee after subsidy (Full Fee \$791.80)
SSG Baseline Subsidy (70% subsidy)	Singaporeans and PR	\$237.54
SkillsFuture Mid-Career Subsidy (90% subsidy)	Singaporean Citizen aged 40 & above	\$89.53

With effect from 1 January 2022, SkillsFuture Singapore (SSG) has introduced a fix Absentee Payroll (AP) rate at \$4.50 per hour, and this will apply to the CoC mentioned. Please access SSG's website at: <https://www.enterprisejobskills.gov.sg/content/upgrade-skills/course-fee-and-absentee-payroll-funding.html> for more details.

CIRCULAR DISTRIBUTION LIST (via e-mail)

PRESIDENT
INSTITUTION OF ENGINEERS, SINGAPORE (IES)
70, BUKIT TINGGI ROAD
SINGAPORE 289758

PRESIDENT
ASSOCIATION OF CONSULTING ENGINEERS, SINGAPORE (ACES)
18 SIN MING LANE
#06-01 MIDVIEW CITY
SINGAPORE 573960

PRESIDENT
SINGAPORE CONTRACTORS' ASSOCIATION LIMITED (SCAL)
CONSTRUCTION HOUSE
1 BUKIT MERAH LANE 2
SINGAPORE 159760

PRESIDENT
SINGAPORE INSTITUTE OF ARCHITECTS (SIA)
79 NEIL ROAD
SINGAPORE 088904

PRESIDENT
SOCIETY OF PROJECT MANAGERS (SPM)
MACPHERSON ROAD P.O.BOX 1083
SINGAPORE 913412

PRESIDENT
SINGAPORE INSTITUTE OF BUILDING LIMITED (SIBL)
9 Ah Hood Road,
#02-04
SINGAPORE 329975

PRESIDENT
REAL ESTATE DEVELOPERS' ASSOCIATION OF SINGAPORE (REDAS)
190 CLEMENCEAU AVENUE
#07-01 SINGAPORE SHOPPING CENTRE
SINGAPORE 239924

PRESIDENT
SINGAPORE INSTITUTE OF SURVEYORS & VALUERS (SISV)
110 MIDDLE ROAD #09-00
CHIAT HONG BUILDING
SINGAPORE 188968

PRESIDENT
PROFESSIONAL ENGINEERS BOARD, SINGAPORE (PEB)
52 JURONG GATEWAY ROAD, #07-03
SINGAPORE 608550

PRESIDENT
BOARD OF ARCHITECTS (BOA)
5 MAXWELL ROAD

1ST STOREY TOWER BLOCK
MND COMPLEX
SINGAPORE 069110

DIRECTOR, SECRETARIAT
SINGAPORE INTERNATIONAL FACILITY MANAGEMENT ASSOCIATION (SIFMA)
BLK 201 KIM TIAN ROAD
#03-400 SINGAPORE 160201

PRESIDENT
SINGAPORE HOTEL ASSOCIATION
21 BUKIT BATOK STREET 22
SINGAPORE 089740

PRESIDENT
SINGAPORE GREEN BUILDING COUNCIL (SGBC)
200 BRADDELL ROAD
BLOCK H, LEVEL 2 BCA BRADDELL CAMPUS
SINGAPORE 579700

DIRECTOR OF INFRASTRUCTURE
INFRASTRUCTURE & FACILITY SERVICES DIVISION
MINISTRY OF EDUCATION
285 GHIM MOH ROAD BLK C LEVEL 3
SINGAPORE 279622

DEPUTY CHIEF EXECUTIVE (OPERATION)
ENGINEERING DEVELOPMENT AND PROCUREMENT DEPARTMENT
PUBLIC UTILITIES BOARD (PUB)
40 SCOTTS ROAD #18-01
ENVIRONMENT BUILDING
SINGAPORE 228231

DEPUTY CHIEF EXECUTIVE
INFRASTRUCTURE & DEVELOPMENT
LAND TRANSPORT AUTHORITY
1 HAMPSHIRE ROAD
BLOCK 8 LEVEL 1
SINGAPORE 219428

DEPUTY CHIEF EXECUTIVE OFFICER (BUILDING)
HOUSING & DEVELOPMENT BOARD (HDB)
480 LORONG 6 TOA PAYOH
HDB HUB
SINGAPORE 310480

CHIEF EXECUTIVE OFFICER
URBAN REDEVELOPMENT AUTHORITY (URA)
45 MAXWELL ROAD
THE URA CENTRE
SINGAPORE 069118

ASST CHIEF EXECUTIVE OFFICER
ENGINEERING & OPERATIONS GROUP
JTC CORPORATION

THE JTC SUMMIT
8 JURONG TOWN HALL ROAD
SINGAPORE 609434

SENIOR DIRECTOR
BUILDING & ESTATES MANAGEMENT
PEOPLE'S ASSOCIATION
9 STADIUM LINK
SINGAPORE 397750

DIRECTOR, TECHNOLOGY CAPABILITY DEVELOPMENT
SENTOSA DEVELOPMENT CORPORATION
33 ALLANBROOKE ROAD, SENTOSA
SINGAPORE 099981

DIRECTOR
BUILDING AND INFRASTRUCTURE
DEFENCE SCIENCE & TECHNOLOGY AGENCY
1 DEPOT ROAD
DEFENCE TECHNOLOGY TOWER A
SINGAPORE 109679

PRESIDENT
ASSOCIATION OF PROPERTY & FACILITY MANAGERS (APFM)
110 MIDDLE ROAD
#09-00, CHIAT HONG BUILDING
SINGAPORE 188968

PRESIDENT
ASSOCIATION OF STRATA MANAGERS (ASM)
1 SCOTTS ROAD
#24-05, SHAW CENTRE
SINGAPORE 228208

PRESIDENT
SINGAPORE LIFT & ESCALATOR CONTRACTORS & MANUFACTURERS ASSOCIATION
(SLECMA)
3 RAFFLES PLACE
#06-01, BHARAT BUILDING
SINGAPORE 048617

ALL REGISTERED LIFT CONTRACTORS WITH BCA RW02 AND REGISTERED
ESCALATOR CONTRACTORS WITH BCA RW03