

Our Ref: APPBCA-2024-07

01 March 2024

See Distribution List

Dear Sir/Madam

LAUNCH OF THE CERTIFICATE OF COMPETENCY (COC) IN ESCALATOR MAINTENANCE FOR SENIOR 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 Senior Escalator Specialist jointly developed by the Building and Construction Authority (BCA) and the Institute of Technical Education (ITE).

BACKGROUND

2 In July 2021, the Tripartite Committee for Lifts and Escalators (TCLE) released a set of recommendations to expand the Progressive Wage Model (PWM) to include escalator maintenance personnel. Please refer to **Annex A** for more details on the PWM wage ladder for the Singapore resident L&E maintenance workers, extracted from the report of the TCLE. The full report can be found at [this link](#)¹.

3 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 and Escalator (L&E) PWM. Till date, all CoC courses under the TSC framework for the lift maintenance personnel have been launched, while that for the escalator maintenance personnel have been progressively rolled out. Please refer to **Annex B** for the list of courses at each PWM level available for both the lift and escalator maintenance personnel.

COMPETENCY CERTIFICATION FOR ESCALATOR MAINTENANCE PERSONNEL

4 BCA and ITE are now pleased to announce the latest launch of the CoC in Escalator Maintenance for Senior Escalator Specialist. This CoC course to be launched under the TSC framework for the Escalator PWM aims to provide competency certification for all escalator maintenance personnel² at the “Senior Specialist” level.

¹ <https://www.ntuc.org.sg/wps/wcm/connect/c76544b1-b692-4492-8ddc-476653f84df7/Recommendations+of+the+Tripartite+Cluster+for+Lift+%26+Escalator+Industry+on+the+Progressive+Wage+Model+for+the+Lift+%26+Escalator+Maintenance+Sector.pdf?MOD=AJPERE&S>

² Escalator maintenance personnel will include moving walk maintenance personnel

5 The CoC course 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.

6 You are strongly encouraged to enrol your technicians for the certification course to ensure that they are adequately trained and have advanced level of competency required under the TSC framework to conduct maintenance works at the “Senior Specialist” level.

ENQUIRIES

CoC, Registration and Subsidies

7 For further enquiries on the course information, registration and subsidies relating to CoC in Escalator Maintenance for Senior Escalator Specialist, please contact ITE ann_m_j_tan@ite.edu.sg or call ITE Hotline at 1800-2222 111.

Escalator Maintenance PWM

8 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

ANNEX A – PWM Wage Ladder for the Singapore 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		

* Compound annual growth rate

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 5 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	Launched in April 2022
Senior Specialist	CoC in Escalator Maintenance for Escalator Senior Specialist	To be launched in April 2024
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 5 above.

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

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

1. The duration of the CoC in Escalator Maintenance for Senior Escalator Specialist is 14 hours, with an aim to equip and certify the competency of senior escalator maintenance personnel, who will be performing advanced maintenance works including functional testing, repair and replacement of major components independently, conducting incident response, fault identification and recovery operation for incident escalators. The assessment would cover topics such as interpretation of advanced engineering drawings and schematics, fundamentals of electrical and electronic instrumentation and controls, procedures for conducting system performance checks and identifying faults on escalators or moving walk systems.
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 Senior Escalator Specialist certification.

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

Fee Subsidies for CoC in Escalator Maintenance for Senior 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 \$904.70)
SSG Baseline Subsidy (70% subsidy)	Singaporeans and PR	\$271.41
SkillsFuture Mid-Career Subsidy (90% subsidy)	Singaporean Citizen aged 40 & above	\$105.40

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.skillsfuture.gov.sg/newsroom/adjustments-to-skills-training-schemes-to-sharpen-focus-on-manpower-development-outcomes> for more details.

CIRCULAR DISTRIBUTION LIST (via e-mail)

DISTRIBUTION LIST

President
Association of Consulting Engineers, Singapore (ACES)
18 Sin Ming Lane
#06-01 Midview City
Singapore 573960

President
Institution of Engineers, Singapore (IES)
70 Bukit Tinggi Road
Singapore 289758

President
Real Estate Developers' Association of Singapore (REDAS)
190 Clemenceau Avenue #07-01
Singapore Shopping Centre
Singapore 239924

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
Singapore Institute of Building Limited (SIBL)
9, Ah Hood Road, #02-04,
Singapore 329975

President
Singapore Institute of Surveyors & Valuers (SISV)
110 Middle Road #09-00
Chiat Hong Building
Singapore 188968

President
Society of Project Management (SPM)
168 Jalan Bukit Merah Connection One #10-01
Singapore 150168
c/o SIPM Consultants Pte Ltd

President
Board of Architects (BOA)
5 Maxwell Road 1st storey
Tower Block MND Complex
Singapore 069110

President
Professional Engineers Board, Singapore (PEB)
52 Jurong Gateway Road #07-03
Singapore 608550

President
Singapore Lift & Escalator Contractors & Manufacturers Association (SLECMA)
3 Raffles Place #06-01
Bharat Building
Singapore 048617

President
Singapore Hotel Association
17 Cantonment Road
Singapore 089740

Chairman
The Association of Shopping Centres (Singapore)
91 Tanglin Road #03-01
Tanglin Place
Singapore 247918

President
Singapore Structural Steel Society (SSSS)
1 Liang Seah Street #02-11/12
Liang Seah Place
Singapore 189022

Director of Infrastructure
School Campus Department
Ministry of Education
1 North Buona Vista Drive
Singapore 138675

Deputy Director
Project Development & Management 3
Building Quality Group
Housing & Development Board
HDB Hub
480 Lorong 6 Toa Payoh
Singapore 310480

Deputy Chief Executive
Infrastructure & Development
Land Transport Authority (LTA)
1 Hampshire Road Block 8 Level
Singapore 219428

Director
Technical Services Division
JTC Corporation (JTC)
8 Jurong Town Hall Road
The JTC Summit
Singapore 609434

Senior Director (Building & Estates Management)
People's Association (PA)
9 King George's Avenue
Singapore 208581

Director
Special Projects & Procurement Department
PUB, Singapore National Agency
40 Scotts Road #08-01
Environment Building
Singapore 228231

Chief (Sports Facilities)
Sport Singapore
3 Stadium Drive
Singapore 397630

Assistant Chief Executive & Chief Sustainability Officer
Policy & Planning Group
Singapore Tourism Board (STB)
1 Orchard Spring Lane
Tourism Court
Singapore 247729

Chief Executive Officer
Urban Redevelopment Authority (URA)
45 Maxwell Road, The URA Centre
Singapore 069118

Director
Building and Infrastructure
Defence Science & Technology Agency
1 Depot Road
Defence Technology Tower A
Singapore 109679

Head (Fire Safety and Building Control)
Building and Infrastructure
Defence Science & Technology Agency
71 Science Park Drive
Singapore 118253

Manager (Architectural Plans)
Building and Infrastructure
Defence Science & Technology Agency
71 Science Park Drive
Singapore 118253

Deputy Chief Executive Officer
Sentosa Development Corporation
33 Allenbrooke Road, Sentosa
Singapore 099981

Chief
Health Infrastructure Project
MOH Holdings Pte Ltd
1 Maritime Square #11-25
HarbourFront Centre
Singapore 099253

Specialists Trade Alliance of Singapore (STAS)
24 Peck Seah Street, #07-11
Nehsons Building
Singapore 079314

Singapore International Facility Management Association (SIFMA)
200 Braddell Road, #01-03
Block H, BCA Braddell Campus
Singapore 579700

Association of Property and Facility Managers (APFM)
110 Middle Road
#09-00 Chiat Hong Building
Singapore 188968

President
Singapore Green Building Council (SGBC)
200 Braddell Road
Block H, Level 2 BCA Braddell Campus
Singapore 579700

President
Association of Strata Managers Singapore (ASM)
1 Scotts Road
#24-05, Shaw Centre
Singapore 228208

All CORENET e-Info subscribers

All registered lift contractors with BCA RW02, and all registered escalator contractors with
BCA RW03

All lift and escalator owners

All Professional Engineers registered with Professional Engineers Board

All Authorised Examiners registered with Ministry of Manpower