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01 March 2024

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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



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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.

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