



Our reference 本署檔號：  
(51) in EMSD/LESD 7-2/4A Pt II

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23 August 2021

To: All Registered Lift/Escalator Contractors  
All Registered Lift/Escalator Engineers

Dear Sirs,

### **Circular No. 6/2021**

### **Points to Note for Incorporation of Innovation and Technology Solutions into Lift/Escalator Works and Lift/Escalator Installations**

Innovation and technology ("I&T") can bring about new functionalities, uplift operational efficiency, and improve the quality of life of our citizens. Adoption of I&T solutions to lift/escalator works and lift/escalator installations for enhancement of works efficiency/effectiveness and improvement of lift/escalator services is encouraged.

Incorporation of I&T devices/instruments having direct physical interfacing with a lift/escalator will very much be regarded as lift/escalator works and is needed to be carried out by qualified persons or someone under the direct supervision of a qualified person. Where the installation or maintenance of I&T devices/instruments is not performed by the registered lift/escalator contractor ("RC") responsible for the installation/maintenance of the lift/escalator, submission of Form LE2 (Notification for Subcontracting Works Involving Installation / Maintenance / Major Alteration / Demolition of Lift(s) or Escalator(s)) for the works will be needed.

As the I&T devices/instruments for new features/functionalities are not normally covered by type approvals for lifts/escalators and/or safety components under section 16(1)(e) or (f) / section 47(1)(e) or (f) of the Lifts and Escalators Ordinance, endorsement for use of the I&T devices/instruments to be safe/compatible with an approved type of lifts/escalators and/or safety components by the EMSD will be needed before such I&T devices/instruments are incorporated into any such lifts/escalators.

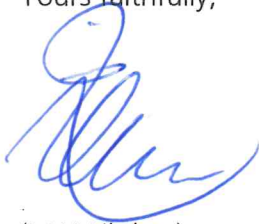
To facilitate assessment of the suitability of I&T devices/instruments which have direct physical interfacing with lifts/escalators, respective RCs are required to furnish to the EMSD brief descriptions of the I&T devices/instruments and their compatibility with the type of lifts/escalators in question, with due account of operational and maintenance

concerns, and relevant technical documents and drawings. The EMSD will review the submissions and, where appropriate, add remarks in the type approval of the lift/escalator model to extend its coverage to the I&T solutions. The requirement for extending the coverage of type approval prior to incorporation of I&T devices/instruments will be waived for trials of such I&T devices/instruments in lifts/escalators if the RC responsible for the incorporation of the devices/instruments has notified the EMSD prior to commencement of the works. No such notifications are required if the incorporation of the I&T devices/instruments is made by the manufacturer of the lift/escalator concerned.

EMSD welcomes and will facilitate adoption of I&T solutions by the trade. We also appeal to RCs to offer professional advice/support and maintain good communication with responsible persons for lifts/escalators for adoption of I&T solutions to enhance the quality of lift/escalator services.

This circular comes into effect immediately. If you have any question on this subject, please contact our officer on telephone number 2808 3115.

Yours faithfully,



(LAU Lik-kee)

for Director of Electrical and Mechanical Services

- c.c. Director of Housing (Attn.: SM/QM)
- Director of Buildings
- Director of Architectural Services (Attn.: CBSE/2)
- The Lift and Escalator Contractors Association
- The Registered Elevator and Escalator Contractors Association Limited
- The International Association of Elevator Engineers (HK-China Branch)
- The Hong Kong Institution of Registered Engineers (Lift & Escalator)
- The Hong Kong General Union of Lift and Escalator Employees