

Our reference 本署檔號 :

(89) in EMSD/LESD 7-2/4A Pt II

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26 March 2025

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

Dear Sirs,

Circular No. 2/2025 **Structural Integrity of Lifts / Escalators**

Registered lift / escalator contractor ("RC") undertaking to install a lift / escalator is required to ensure that the works are carried out properly and safely, and the lift / escalator is properly fixed and supported for safe operation. When the RC undertakes the maintenance of the lift / escalator, they have the responsibility to ensure that the works are properly and safely carried out to render the lifts / escalators in a proper state of repair and in safe working order. Registered lift / escalator engineer ("RE") undertaking to examine a lift / escalator must ensure that the lift / escalator is thoroughly examined and issue a safety certificate only when he / she is satisfied that the lift / escalator is of good design and construction and in safe working condition.

Apart from the specific requirements as stipulated in the Code of Practice for Lift Works and Escalator Works, RCs and REs are reminded of the following in fulfilling their responsibility in ensuring the structural integrity of the lifts or escalators:

1. Measures to ensure sound design and construction

Prior to the installation of lifts / escalators, RCs should ensure that the works be carried out based on the structural drawings provided by the manufacturer / registered structural engineer ("RSE") / registered professional engineer in a relevant discipline ("RPE"). For modifications and / or alterations affecting the structural / supporting elements of existing lifts / escalators, the RCs should ensure that: (i) the condition of the building structure be inspected by RSE / RPE, and (ii) the proposed modifications / alterations are substantiated with structural design

calculations endorsed by RSE / RPE in order to warrant the structural integrity prior to the commencement of the works. Moreover, RCs should ensure that the structural elements used for the installation, modification or alteration of lifts / escalators be substantiated with documentary proof of the material quality (e.g. mill test certificate issued by the manufacturer).

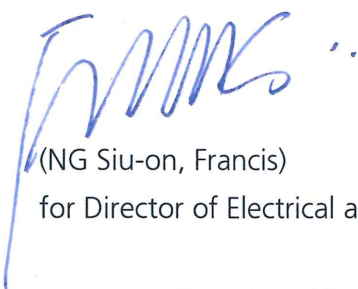
REs should check that RCs have properly executed the abovementioned measures and ensure that all structural members are properly installed during lifts / escalators examination. In particular, the design or configuration of fastening devices may contain discrepancies and inconsistencies as observed during visual inspection. In case of any doubts, the REs should report their observation and finding to the RCs for verification.

2. Ongoing monitoring of the conditions of the structural members

RCs should arrange regular inspections of the structural members of the lifts / escalators and upload the records and associated photos to the Digital Log-books. RCs should duly review the structural integrity of the existing lifts / escalators and take necessary action to ensure safe operation of the lifts / escalators. They should report the findings and/or recommendations to the responsible persons for the lifts / escalators as necessary.

Should you have any query on the above, please contact our officer at 2808 3548.

Yours faithfully,



(NG Siu-on, Francis)

for Director of Electrical and Mechanical Services

c.c. 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)