

Our reference 本署檔號 :

EMSD/LESD 7-2/4A Pt II

Telephone 電話號碼 : 2808 3861

Your reference 來函檔號 :

Facsimile 圖文傳真 : 2504 5970

20 November 2024

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

Dear Sir/Madam,

Circular No. 9/2024 - Roll-out of the LECAS (Lift and Escalator Condition Analysis System)

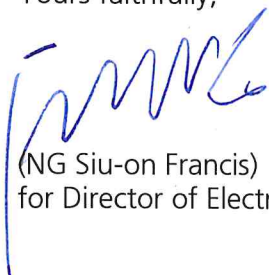
It has been one of our main initiatives to promote wide adoption of new technologies with a view to enhancing the quality, efficacy and effectiveness of our regulatory services. We strive to take a step further on the smart use of Artificial Intelligence (AI), machine learning and image analytics to introduce additional functions via the Digital log-book ("DLB") platform. With the support from the trade, I am pleased to announce that the Lift and Escalator Condition Analysis System (LECAS) will be officially launched on 25 November 2024.

LECAS is a smart system that could monitor the health condition of critical lift and escalator components based on the photos uploaded in the DLB platform. Notification will be sent to the trade practitioners via the DLB platform with the outcome of the analysis. Trade practitioners can then review and arrange for follow up action. Currently the system is able to identify 12 lift and escalator components and to detect anomalies in suspension ropes and brake pads. We pledge to extend the capability of LECAS to facilitate the health condition analysis of other lift and escalator components in later stages.

By submitting the photos of the critical components in the DLB platform, the trade practitioners could not only enrich the content of the record, but also enable the responsible persons for the lifts/escalators to be aware of the health condition of their lifts/escalators. In filling in the log-book record in the DLB, the trade practitioners are encouraged to make full use of the platform by uploading the photo record of your lift/escalator works.

If you have any questions on the subject of this letter, please contact us by calling 3741 8880 (for IT support issue) or 2808 3174 (for operational issue) from 9 am to 6 pm, Monday to Friday (public holidays not included).

Yours faithfully,



(NG Siu-on Francis)
for Director of Electrical and Mechanical Services

c.c. Director of Housing
Director of Buildings
Director of Architectural Services
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