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12 October 2016

To: All Registered Lift / Escalator Contractors

Dear Sirs,

## **Circular No. 14/2016** **Identify Potential Risk of Unintended Car Movement**

With a view to preventing unintended movement of lift car with open doors on electric lifts, this Circular serves to recommend you carry out an assessment on the machine brake, traction and control system so as to identify if any potential risk of unintended car movement exists in the lifts under your maintenance and should any lift design is found inadequate to prevent unintended car movement in your assessment, such as:

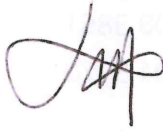
- (i) the machine or brake of the concerned lift is not designed to the latest Code of Practice on the Design and Construction of Lifts and Escalators (2012 Edition);
- (ii) there is significant risk of a failure in driving machine component (including brake, shaft and gear), safety device (interlock and door contact), safety-related circuit and motion control system (relay, solid-state device, software and system logic); and
- (iii) any lift modernization items are found applicable to the concerned lifts

You are recommended liaising with corresponding Responsible Persons and provide them with proposals for implementation of the related modernization works which has been promulgated in our previous Circular No. 19/2011 – Guidelines for Modernising Existing Lifts.

Apart from the identification of potential risks of unintended car movement and the associated risk reduction measures, you are also reminded to regularly check and maintain the machine brake, traction and control system of lifts under your maintenance to assure that the lifts are kept in proper and safe working order at all times.

If you have any query on this Circular, please contact Mr. Jerry Wong at 2808 3117.

Yours faithfully,



(CHEUNG Kim-ching)  
for Director of Electrical and Mechanical Services

- c.c. The Lift and Escalator Contractors Association
- The Registered Elevator and Escalator Contractors Association Limited
- The Hong Kong General Union of Lift and Escalator Employee