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All Registered Lift/Escalator Contractors and Engineers

Dear Sirs,

Circular No. 17/2009

Effective Locking of Landing Doors of Lifts

During recent lift inspections by this department, there were cases that the locking devices of some landing doors were not effective in preventing the landing door from being opened by hand from the outside, and as a result, orders to prohibit the use and operation of the lifts were issued.

You are reminded that the effective locking of landing doors of lifts has to be checked regularly during periodic maintenance and periodic examination. Please ensure that the maintenance and examination procedures cover the checking of the security of landing doors. The examination and checking should cover at least the following items :

- (a) The locking device of the landing door should be thoroughly checked to ensure its effectiveness. Details of the engagement of the locking element should be provided to staff to facilitate maintenance and checking.
- (b) The locking device should be checked to ensure that it is securely fixed against loosening and is free from excessive wear, and all clearances should be adjusted to within acceptable tolerances.
- (c) The safety switches for proving the proper closing of the landing door and for proving the proper locking of the locking device before operation of the lift should be checked.
- (d) The landing door lock should be checked by attempting to open the landing door manually from the landing side to ensure that the landing door cannot be opened when the lift car is not at the landing.
- (e) The guides and guide shoes/rollers of the landing door should be checked to prevent derailment of the landing doors from the guides or excessive lateral movement of the landing door at the closed position affecting the effective engagement of the locking element.

All RLCs and RLEs are required to take the above steps to ensure the safe working order of lift landing doors.

Yours faithfully,



(George LING)

for Director of Electrical and Mechanical Services

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