

November 1, 2001

All Registered Lift Contractors

Dear Sirs,

**Circular No. 15/2001
Major Alteration/Replacement of Existing Lifts**

Subsequent to the recent consultation with the Lift and Escalator Contractors Association and the Registered Elevator & Escalator Contractors Association Ltd., the captioned issue concerning the following subjects has been finalized and will be effective on **December 1, 2001**.

1. Demarcation between major alteration/replacement of existing lifts

If all components of an existing lift are replaced, Form 5 (Certificate on examination of lift or escalator and on testing of safety equipment provided therefor upon completion of the installation) should be submitted. Otherwise, Form 7 (Certificate on examination and testing of lift in respect of which lift works consisting of major alterations have been carried out or of escalator in respect of which escalator works consisting of the alteration of speed, operation or design thereof have been carried out) might be submitted.

2. Compliance with current relevant requirements for the major alteration/replacement of existing lifts

a. *Requirements on building works*

If the major alteration or replacement of an existing lift does not involve any building works, the application for modification of/exemption from relevant provisions is not required.

Otherwise, if there are building works, especially those structural works, the registered lift contractor should, before commencement of the lift works, ask the Authorized Person (AP) to obtain consent from the Buildings Department in respect of the deviated building works.

b. Requirements on the design, construction, examination, testing and maintenance

With the aim of upgrading the safety standard of existing lifts, any equipment including its components or parts used to replace the old one during the major alteration work, should be in full compliance with the current requirements of the Code of Practice on the Design and Construction of Lifts and Escalators and also the Code of Practice on the Examination, Testing and Maintenance of Lifts and Escalators.

c. Recommended lift equipment/devices to be installed during major alteration or replacement

As listed in **Appendix 1**, a number of equipment/devices are recommended to be installed when the relevant major components/parts of existing lifts are altered/replaced if concerns on space availability, technical feasibility and cost implication are all supportive.

Yours faithfully,

(LAW Yu-wing)

for Director of Electrical & Mechanical Services

Encl.

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

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Major Alteration/Replacement of Lifts in Existing Buildings

Recommended Lift Equipment/Devices to be Installed

Major Lift Components/ Parts Altered or Replaced	Recommended Lift Equipment/Devices to be installed during Major Alteration/Replacement of Existing Lift				
	Landing Door Bridging Device	Intercom, CCTV System and other related Emergency Alarm Device	Lift Well Lighting	Ascending Car Overspeed Protection Device	Ventilation System, Lighting, Socket Outlets and Stopping Devices in Machine Room
Driving Machine				√	√
Control Panel	√				√
Lift Car (car sling and safety gear not included)		√	√		
All landing Doors	√		√		
Both Overspeed Governor and Safety Gear				√	
All Guide Rails			√		
All buffers			√		
All Car Levelling Devices			√		