

Our reference 本署檔號 :
(64) in EMSD/LESD 7-2/4 Pt. 4

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25 November 2010

All Registered Lift Contractors and Engineers

Dear Sirs,

Circular No. 17/2010 Revision A
Amendment of Code of Practice for Lift Works and Escalator Works -
Enhancement of Counterweight Inspection

With a view to enhancing the safe working order of lift counterweight, the requirements for counterweight inspection in respect of new installation, periodic maintenance and periodic examination are revised under the Clauses 3.2.2, 3.4, 4.5 and 5.1 of the Code of Practice for Lift Works and Escalators Works.

Pursuant to section 27G of the Lifts and Escalators (Safety) Ordinance, the Code of Practice for Lift Works and Escalators Works (2002 Edition) (the Works Code) is hereby amended by incorporating the new requirements. The changes are detailed in **Amendment No. 8** to the Code of Practice for Lift Works and Escalator Works, a copy of which is attached herewith for your reference.

Please note that the changes covered in **Amendment No.8** forming part of the Works Code shall be implemented with immediate effect. This Circular supersedes the Circular No. 17/2010 issued on 24 November 2010.

Yours faithfully,



(W. S. CHUI)
for Director of Electrical & Mechanical Services

- cc. Director of Housing
Director of Architectural Services
The Lift and Escalator Contractors Association
The Registered Elevator and Escalator Contractors Association Limited
The International Association of Elevator Engineers
The Hong Kong General Union of Lift and Escalator Employees

G28/28 SF1 Pt. IV

Code of Practice
For Lift Works and Escalator Works
(2002 Edition)

AMENDMENT No. 8 of 2002 Edition
Counterweight Inspection
(with immediate effect)

(l) Replace Section C: Clauses 3.2.2.1, 3.4.2.1 (h) (1), (k), 4.5.1 (t) by the following descriptions:

Item	Clause	Description
1.	Section C: Clause 3.2.2	Test and Examination Report
	3.2.2.1	a) Tests and Examination Report for Lifts It shall contain the following information
		viii) Counterweight Safety Gear Tests (if fitted) and Counterweight Inspection
2.	Section C: Clause 3.4	Examination and Testing of a Lift after Installation
		Tests and Verifications
	3.4.2.1	Tests and verifications shall cover at least the following items:-
		k) Counterweight safety gear and counterweight
		After the tests on items (d) braking system, (h) (1) traction, (j) car safety gear, (k) counterweight safety gear, and (l) buffers, the whole counterweight including frame, filler weights, brackets and their fixings shall be checked and inspected. The inspection shall ensure that the counterweight so constructed could withstand the maximum forces developed during the retardation phase of the emergency braking and without any defects. The test results shall be completely recorded in the appropriate test report. It shall be ascertained that no deterioration.....In exceptional cases, and if necessary, friction components may be replaced.
3.	Section C: Clause 4.5	Periodic Maintenance of Lifts

4.5.1 Replace the Clause 4.5.1 (t) by the following descriptions:

For keeping the lift and accessories in good working order.....in accordance with a schedule recommended by the manufacturer.

- t) counterweight and its fixing as well as the counterweight clearances for rope stretch; rope equaliser; filler weights and their fixings; and safety gear for guide clearance and free movement

(II) Insert the following Clause after Section C: Clause 5.1 (xvi)

1. Section C: Periodic Examination of Lifts
Clause 5.1

The examination and checks to determine whether the lift is in safe working order shall at least cover the following:-

- xvii) After all dynamic tests as stipulated in clause 3.4.2.1 (k) have been completed, the whole counterweight including frame, filler weights, brackets and their fixings shall be checked and inspected.

(III) Revise the items 8 and 11 (a) of the following Test and Examination Report

1. Appendix A Test and Examination Report for Electric Passenger Lifts / Freight Lifts / Vehicle Lifts

- 8 Counterweight Safety Gear Tests and Counterweight Inspection
Note 1: The test (a) or (b) should be conducted with the counterweight descending

Note 2: The following inspection (c) is carried out after all dynamic tests have been completed.

(c) Counterweight

- (iii) Are there any visual defects on the whole counterweight including frame, filler weights, brackets and their fixings?

Yes No