

(64) in LE/02/04 Pt. II

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November 21, 2001

All Registered Lift/Escalator Contractors

Dear Sirs,

**Circular No. 17/2001**  
**Code of Practice on the Design and Construction**  
**of Lifts and Escalators (2000 Edition)**  
**Amendment No. 1**

Pursuant to section 27G of the Lifts and Escalators (Safety) Ordinance, Cap. 327, the Code of Practice on the Design and Construction of Lifts and Escalators (2000 Edition) (the Design Code) has been amended by incorporating some miscellaneous amendments.

The above changes have been included in the Amendment No. 1 of the Design Code, which is attached for your retention. It shall come into operation on **January 1, 2002** and applicable to lifts tendered on or after that date.

Yours faithfully,

(LAW Yu-wing)

for Director of Electrical & Mechanical Services

Encl.

c.c. AD/BS

D of Housing (Attn.: TS/2)

D of Buildings (Attn.: CBS/Legislation)

D of Fire Services (Attn.: Fire Safety Command)

The Hong Kong General Union of Lift and Escalator Employees

G28/28 SF1 Pt. IV

WKH/GMWC/LYW

Code of Practice  
on the Design and Construction of  
Lifts and Escalators  
(2000 Edition)

Amendment No. 1 of 2000 Edition  
Miscellaneous Amendments

(Effective as from 1 January 2002 and  
applicable to lifts tendered on or after that date,  
except items 1, 4 & 5 which are corrections/minor changes)

<u>Item</u>	<u>Clause</u>	<u>Description</u>
1	Foreword	<p>Replace " lift" by " lifts" in the 2<sup>nd</sup> sentence; and replace the last sentence by:-</p> <p style="padding-left: 40px;">" It is based on BS5655, BS5656 and BS5776, with the permission of British Standards Institution (BSI). Complete copies of the standards can be obtained from BSI Customer Services, 389 Chiswick High Road, London W4 4AL (Tel +44 (0) 20 8996 9001)."</p>
2	Section C Pulley Room	<p>Replace the definition of pulley room by:-</p> <p style="padding-left: 40px;">" A room not containing the machine, and in which only diverter pulleys, overspeed governors, lighting and ventilation equipment for the pulley room are permitted to be located."</p>
3	Section E Part 1 & 2 Clause 1.1.1	<p>Delete ". This height may be reduced ..... .. moving parts exceeds 2m" in (b) and add the following paragraph at the end of Clause 1.1.1 :-</p> <p style="padding-left: 40px;">" The height of enclosure mentioned above in (b) may be reduced to 1.1m provided:</p> <ul style="list-style-type: none"><li>(i) the horizontal distance to moving parts exceeds 2m;</li><li>(ii) it can prevent persons from being endangered by moving parts of the lift and from interfering with the safe operation of the lift by reaching lift equipment; and</li><li>(iii) access to the lift pit by simply climbing over the enclosure is not possible."</li></ul>

- 4 Section E  
Part 1  
Clause 1.7(a) Replace " They" in the 2<sup>nd</sup> sentence by " It" .
- 5 Section E  
Part 1  
Clause 2.2.1(c) Replace the last sentence by:-  
" This value may be reduced to 0.4m in areas of the access way where there are no moving parts."
- 6 Section E  
Part 1  
Clause 2.2.1  
Last paragraph Replace the last paragraph by:-  
" There shall also be a clear vertical distance of at least 0.3m above pulleys and rotating parts of the machine."
- 7 Section E  
Part 1  
Clause 2.2.2 (a) Replace the whole clause by:-  
" The machine rooms shall be suitably ventilated. Should the well be ventilated through the machine room, the ventilation requirements for the well have to be taken into account. Stale air from other parts of the building shall not be extracted directly into the machine room. It shall be such that the motors and equipment, as well as electric cables, etc., are protected as far as it is reasonably practicable from dust, harmful fumes and humidity."
- 8 Section E  
Part 1  
Clause 2.3.1 Replace the whole clause by:-  
" The dimensions of pulley rooms shall be sufficient to permit easy and safe access for maintenance workers to all the components.  
  
A clear horizontal area of at least 0.5m x 0.6m for servicing and inspection of moving parts shall be provided.  
  
The access ways to the clear spaces mentioned above shall have a width of at least 0.5m. This value may be reduced to 0.4m in areas of the access way where there are no moving parts.  
  
There shall also be a clear vertical distance of at least 0.3m above pulleys."
- 9 Section E  
Part 1  
Clause 2.3.2 Replace the whole clause by:-  
" The pulley rooms shall be suitably ventilated and the ambient temperature in the pulley room shall be maintained in the way conforming to Clause 2.2.2."

- 10 Section E Part 1 Clause 4.11.3 Replace the 2<sup>nd</sup> paragraph by:-  
“ The device shall cause the lift to stop if the locking ceases to be effective and shall, in the case of emergency trap door, actuate the buzzer (or alarm bell) as if the emergency alarm push button in the lift car is pressed (see Clause 10.3.3.1) and also cause the car top ventilation fan to stop.”
- 11 Section E Part 1 Clause 10.3.3.1 (f) Replace the 2<sup>nd</sup> sentence by:-  
“ A buzzer (or alarm bell, in addition to the one provided at the main entrance lift lobby or lift pit) and indication light(s) (one for each lift) shall also be provided at a remote location with 24-hour attendance and backed up by an emergency supply for at least 2 hours.”