

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

2808 3651
2504 5970

12 September 2001

All Registered Lift Contractors

Dear Sir,

Circular No. 12/2001

The Drum Brake Assembly of New Lifts

We have recently found some new lifts fitted with the drum brake assembly not complying with the Code of Practice on the Design and Construction of Lifts and Escalators, Section E, Part 1, Clause 8.4.2.1 (Braking Load). The drum brake assembly in question consists of a solenoid and two sets of brake shoes. The brake shoe pressure is exerted by two guided compression springs mounted at either end of a common rod such that the two sets of brake shoes are not working independently. In case one of the above mechanical components failed there would not be sufficient braking effort to slow down the car.

The related provision concerning the aforesaid non-compliance is quoted below for your ease of reference.

'All the mechanical components of the brake which take part in the application of the braking action on the drum or disc shall be installed in two sets and be of dimensions such that if one of the components were not working on the brake drum or disc a sufficient braking effort to slow down the car when containing the related load would continue to be exercised.'

Please ensure that the new lifts installed or to be installed by you shall be in compliance with this requirement.

Yours faithfully,

(G.M.W. CHUI)

for Director of Electrical & Mechanical Services

WHO/GMWC