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5 November 2001

To all Registered Lift Contractors

Dear Sirs,

**Circular No. 16/2001**

**Ventilation of the Lift Well for Vehicle Lift**

Pursuant to Clause 1.7(a) of Section E Part 1 of the Code of Practice on the Design and Construction of Lifts and Escalators, provision of suitable ventilation for the lift well is required.

This circular aims to remind you that mechanical ventilation system shall be provided for vehicle lift to extract the harmful fumes at the lift pit to the open air. It shall be designed to extract the harmful fumes from the lift pit unless natural ventilation is demonstrated to be sufficient for removal of the fumes. To satisfy the requirement, the lift pit shall be provided with adequate mechanical ventilation under normal operation with a minimum capacity of 10 air changes per hour.

As the harmful fumes are generated from engine exhaust and are trapped at the lower level of the lift well, the system shall consist of extraction fan and associated ductwork, air grilles, fire damper (if applicable) and etc. to suit the actual layout and location of the lift well.

Yours faithfully,

(G.M.W. CHUI)  
for Director of Electrical and Mechanical Services

FSYK/GMWC