

EM/LE/55 Pt. II

895 8649

17 May 1994

All Registered Lift Contractors
All Registered Lift Engineers

Dear Sirs,

Circular No. 8/94
Manually Operated Collapsible Car Gate

In a recent accident, the car gate post of a lift struck on the landing sill while the lift car was travelling downwards, resulting in bad damages to the car gate and car roof. The subject lift was a general freight lift with manually operated collapsible car gate installed some years ago. The guide shoe at the car gate was of a square section. Whilst the design (see attached sketch) was adequate to guide and restrain the gate in normal operation, the square section allowed rotational movement of the gate post pivoted on the guide shoe such that the unrestrained side of the gate post protruded beyond the car cage and hit the landing sill when an external force of sufficient magnitude was acted to turn the gate post.

In view of the occurrence, I should be grateful if you could carry out inspections to all lifts with similar manually operated collapsible car gate under your maintenance and modify the installation whenever the above mentioned shortfall was discovered.

Your cooperation and attention to this matter will be appreciated.

Yours faithfully,

(John CHAN)
for Director of Electrical & Mechanical Services

WLC/YKH/JC/tp

MANUALLY OPERATED COLLAPSIBLE
CAR GATE

