



Lift and Escalator Industry Association

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11th November 1999

To: All members
cc: The Quality and Technical Committee (Code No.288)

Dear Sir/Madam,

E.A. FOULDS DISC BRAKE SPRINGS

Please find enclosed notification from E. A. Foulds Ltd. of a potential safety hazard in connection with an early version of their disc brake.

Would members please be guided accordingly.

Yours faithfully

Robert N Lee
Director, Technical Services



A company limited by guarantee.
Registered in England N° 3851206. Registered office as above.



EMTA Awards Limited
Approved Assessment Centre



Certificate N° 42056109

SAFETY INSTRUCTION



Re: E.A. Foulds Disc Brake Springs

We have recently been advised of a potential safety hazard with an E.A. Foulds Disc Brake.

The problem relates to the fact that the original design of the brake relies on just one compression spring. In the event of this spring failing it is possible for the lift to move under the action of the counterweight.

We fitted this type of brake to lifts from 1958 until the early 1980's, and until recently we have only been notified of one failure. This failure occurred in 1988 and since then we have recommended the replacement of the single coil spring fitted to the brake with a 'stack' of disc springs. Using these disc springs would ensure that in the event, of a failure of one of the discs, the brake torque would only be reduced by a small amount.

This information was circulated at the time of the incident and a good number of brakes were suitably modified, however in light of the recent failure we would advise that all such brakes are checked and where necessary the springs changed.

Replacement disc springs are available from E.A. Foulds Limited at Colne Tel. 01282 861500.

E A Foulds
Project Director

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LEIA
LIFT AND ESCALATOR
INDUSTRY ASSOCIATION

