



**Lift and Escalator Industry Association**

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To All Members

cc: The Quality and Technical Committee (Code No. 487)

Dear Sir /Madam,

**STANNAH LIFTS TECHNICAL BULLETIN  
SYSTEM 21 LIFTS MANUFACTURED PRIOR TO 1995**

Please find enclosed copy of Stannah Lifts Safety Bulletin, Issue No. E11, dated 14<sup>th</sup> December 2001.

This self-explanatory bulletin draws attention to a potential safety hazard, which relates to the use of a very early version of an IMO relay.

Members are advised to be guided accordingly.

Yours faithfully

Robert N Lee  
Director, Technical Services



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Registered in England N° 3851206. Registered office as above.



Certificate N° 42056109



## Stannah Lifts Technical Bulletin

Issue No:E 11

Date: 14/12/01

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### LIFT TYPE

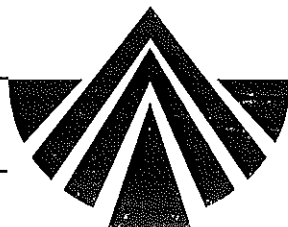
System 21 lifts. Manufactured prior to 1995.

### DESCRIPTION

We have recently experienced a fault that occurred on a 12 year old traction lift, fitted with a Generation 1 controller. The ACR relay was found to have a short circuit within the relay connecting pins 9 and 10. The effect of the fault caused the gate lock circuit to be bypassed and created the possibility for the lift to travel with the doors open under certain test control conditions.

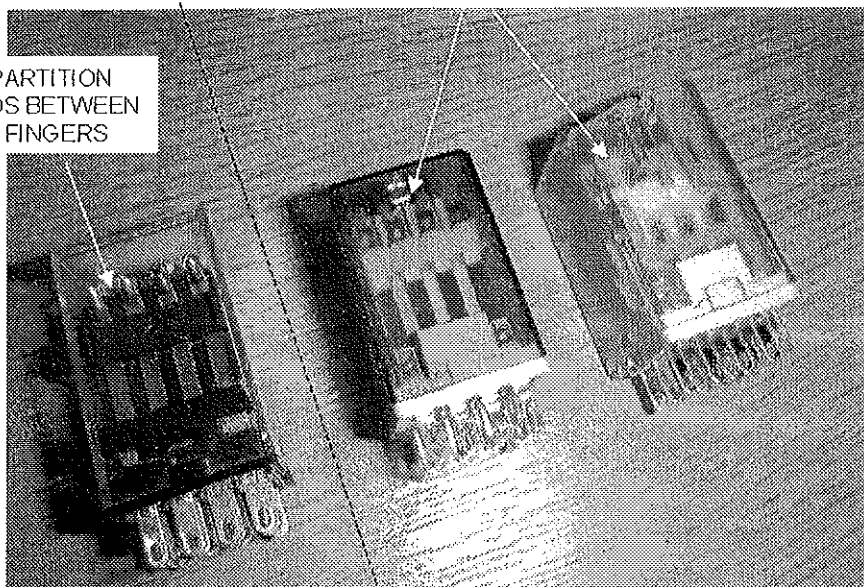
### SUMMARY

Through investigation and risk assessment we have identified that this fault has occurred on a very early version of IMO relay that may be found on lifts manufactured before 1995 (this is identified within the door of the control cabinet). The later versions, supplied by IMO, include additional arcing shields at the top of the 'fingers' that reduce the risk of this fault ever occurring. Therefore we request that at the next available service visit, any lift, hydraulic or traction that still contain an ACR relay of the 'older style' should be replaced with a newer version of relay. Please see attached diagram for further information on identification of relay.



ARC SHIELDS FITTED

NO PARTITION  
SHIELDS BETWEEN  
THE FINGERS



OLDER STYLE RELAY

NEWER TYPE OF  
RELAY