

National Association of Lift Makers

NALM

33/34 Devonshire Street London W1N 1RF
Director D M Fazakerley

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To: All Members
cc: The Quality and Technical Committee (1835)

21 July 1994

Dear Sir,

Stannah Lifts Ltd, Hydraulic Lift Rope Diverter Pulley

Enclosed is a Safety Note received from the above company, would members please be guided accordingly.

Yours faithfully,



D M Fazakerley
Director



IMPORTANT SAFETY NOTE

INTRODUCTION

Stannah Lifts received a report that a hydraulic lift rope divertor pulley had cracked across its outer U groove profile. Investigations then took place to establish whether this was a one off problem or whether the problem existed on other equipment installed in the field.

INVESTIGATION

After carrying out site inspections no identical problems were found, however, the inspection did highlight that hairline fractures of a different nature were present in two further pulleys (see picture attached). This represents a very small percentage of installed equipment. The hairline fractures were very minor in nature when compared with the original problem.

Tests have been carried out on the faulty pulleys and it has been established that the fracture in the pulleys was caused by cooling the pulley too quickly after casting. The manufacturer has indicated that it is not possible to give information on batch numbers due to poor traceability procedures on these particular pulleys.

Records show that all divertor pulleys manufactured from September 1992 onwards will not be subject to this problem.

ADVICE

It is recommended that all Stannah Lifts installed prior to September 1992 are inspected. Any pulleys with visible cracks should be replaced.

The following information is required for replacement materials which are available from Stannah Lifts.

1. Lifting rope diameter
2. Divertor pulley diameter
3. Stannah job number

Any materials provided will be on a free issue basis on contracts up to 5 years from installation date, provided that any faulty pulleys are returned to Stannah.

Stannah Lifts Ltd, East Portway
Andover, Hants SP10 3LU
Telephone: 0264 339090 Fax: 0264 337942

P. Clifton
July 1994
Approved.....

14th July 1994



Hairline cracks found here

Safety Note

Guard removed for illustrative purposes only.
Ensure it is replaced afterwards.