



Lloyd's Register of Shipping,

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6 - MAR 1946

ANSD.....²⁷.....

Westminster Buildings,

Theatre Square,

Nottingham, 5th March, 1946.

Your
Reference

.....E.....

Dear Sir,

Ruston & Hornsby Engine No. 241110.
Type 8VGBXM - C/No. 13/450053.
Cochrane & Sons Ltd., Yd. No. 1319.

We have to acknowledge receipt of your approval letter of 15th ultimo and have been requested by the engine builders to advise you that the contents regarding the 8th order 2 and 3 node critical speeds have been duly noted.

It is stated that, as the Wellman Bibby coupling is designed to damp out the 2 node vibration your requirements with regard to this will be met. However, it is not anticipated that the stress due to the 8th order 3 node will be less than ± 3000 lb. per sq.in. In the circumstances it is proposed to mark the tachometer during trials to avoid running continuously between approximately 345 and 355 R.P.M.

Further the engine builders and their clients have intimated that as 1/4 load running is well in excess of 130 R.P.M. the engine will never be required to run continuously below this speed and it is therefore suggested that a notice board to this effect would be unnecessary.

We shall be glad to receive your comments in due course.

We are, Dear Sir,
Yours faithfully,
For the Surveyors,

The Secretary,
LONDON.

J. Buchanan



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Referred to the Chief Engineer Surgeon

HB

Handwritten signature

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