

For the information of Surveyors and the Committee only.

Received at

Office,

20 NOV 1946

19

# Lloyd's Register of Shipping.

Report on Machinery, No. 21734 Port. Leith

No. F259

## ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Forge Co Ltd of Kirkcaldy for the Engines No. S.T. LOCH HOPE being constructed by Messrs J. Durlin & Sons Ltd of Granton, Leith for the Ship No. , being built by

have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to Granton, Leith

on Forgings or Castings.

Lloyd's

No. 259

29-1-46 WAK

Wm A. Leggat

Leith 6-2-46

	1- CRANK SHAFT. REBUILT. Nº259 FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material	S. M. Ingot Steel			
Made	Forged			
Heat	Is			
Dimensions	7 1/4" Dia			
Weight	37-2-14			
Height, Castings	-			
Process on Inspection	Finish Machined			
TEST RESULTS.	1 COUPLING, 1 END PIECE 2 BODY PIECES. 3 CRANKPINS.			
Ultimate Tensile.	31.4			
Stress per sq. in.	-			
Elongation per cent	28%			
Reduction of Area %	180			
Bending Test.	180			
When Inspected	8-1-46 - 29-1-46			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

(if any chargeable) £1-11-9.

To be paid at Leith Monthly Account.

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

9,43 (MADE AND PRINTED IN ENGLAND.)

ELECTRIC INSTN

1 0 0

19-11-1946

Special Damage or Repair Fee (if any) £ : : (per Section 29.)

Travelling expenses (if chargeable) £ : : ✓

Received by me,

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Engineer Surveyor to Lloyd's

Lloyd's Register Foundation