

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 54023 Port GLASGOW)

No. 4570 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings~~ Castings, as herein described, manufactured by Messrs The Atlas Steel Foundry Eng^C. Ltd of Armadale, West Lothian for the Engines No. 958 being constructed by Messrs D. Rowan & Co^{Ld} of Glasgow, 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 Messrs D. Rowan & Co^{Ld} Glasgow.

Mark on Forgings or Castings.

Lloyd's

No. 4570
W. & L. V. DATES.

William B. Lewis
18 JUL 1933
GLASGOW

	CRANK SHAFT. 2. 3" Rolled & V. Chest.	THRUST SHAFT. 1. Rolled V. Chest. 5 Covers.	INTERMEDIATE SHAFT. 1 Branch piece	TUBE SHAFT. 1 Tee piece. 2 Branches. SCREW SHAFT.
Material* ...		Siemens-Martin Acid, Open Hearth Steel		
How made ...		Cast.		
Annealed ...		Annealed		
Dimensions, Forgings				
Weight, Castings ...	2. 0. 0	2. 0. 14	2. 0. 9	5. 1. 12
Progress on Inspection }		Rough Castings.		
Tests on Standard Test Pieces.	Test No 627	Test No 629	Test No 631	Test No 633.
Tensile Test—	34. 0	34. 0	31. 6	30. 4
Tons per square inch ...	30. 0%	28. 0%	34. 0%	34. 0%
Extension per cent ...	160° NF	160° NF	160° NF.	160° NF
Old Bending Test—				
Angle before fracture ...	14/6/33.	21/6/33.	28/6/33.	28/6/33.
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The Castings were dropped and handled
according to the requirements of the

Fee (if any chargeable) £NIL (Vessel Class) To be paid at

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

m.10.30.

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Foundation

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