

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office, 1 MAY 1936

Lloyd's Register of Shipping.

(Report on Machinery, No. 2600 Port Barrow)

No. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs Vickers-Armstrongs Ltd of Barrow for the Engines No. being constructed by of for the Ship No. , being built by of 'Orama' 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~~ machined and fitted to Primor

Mark on Forgings or Castings.

Lloyd's

No. 312 & 313

W.C.

Wm Cowie

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>4 Claw Pieces</u>	<u>2 Claw Pieces</u>		
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material	<u>Ingot Steel</u>	<u>Ingot Steel</u>		
How made	<u>Forged</u>	<u>Forged</u>		
Annealed	<u>Yes</u>	<u>Yes</u>		
Dimensions, Forgings	<u>To Drawing</u>	<u>To Drawing</u>		
Weight, Castings	<u>✓</u>	<u>✓</u>		
Progress on Inspection	<u>Forged, machined & finished</u>	<u>Forged, machined & finished</u>		
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>31.6</u>	<u>30.8</u>		
Extension per cent	<u>31.7</u>	<u>35.7</u>		
Cold Bending Test—				
Angle before fracture	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>14th March to 27th March, 1936</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

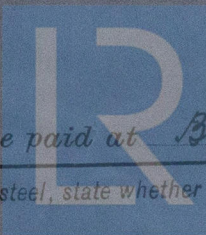
Fee (if any chargeable) £1-1-0

To be paid at Barrow

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

Wm Cowie

W348-0026



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