

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, [ 3 OCT 1931 ]

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port Newcastle )

No. 74 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs Head Wrightson & Co Ltd of Thornaby-on-Tees for the Engines No. \_\_\_\_\_ being constructed by Swan Hunter & Wigham Richardson of Newcastle-on-Tyne for the Ship No. 1316, being built by Swan Hunter & Wigham Richardson of Newcastle-on-Tyne 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 Swan Hunter & Wigham Richardson

The words FORGINGS or CASTINGS should be struck out as may be required.

Mark on Forgings or Castings.

Lloyd's  
No. 74  
SY 22-10-28

S. Topping  
Middlesbrough  
22-10-28

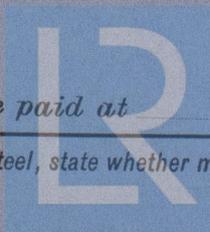
	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>4 Thrust Block Shoes</u>			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Basic Steel (Electric Furnace)</u>			
How made ...	<u>Cast</u>			
If Annealed...	<u>Yes</u>			
Dimensions, Forgings	<u>✓</u>			
Weight, Castings .H =	<u>19.1.4</u>			
Progress on } Inspection }	<u>As cast</u>			
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch ...	<u>31.6</u>			
Extension per cent ...	<u>34</u>			
Cold Bending Test— Angle before fracture ...	<u>120°</u>			
Dates when Inspected	<u>17-10-28 · 22-10-28</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 10 - 0 To be paid at

MIDDLESBROUGH

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



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