

# Lloyd's Register of Shipping.

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

## No. 80 ENGINE ~~FORGINGS~~ OR CASTINGS.

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

I have to report that the ~~Forgings~~ Castings, as herein described, manufactured by Messrs. Head Wrightson & Co. Ltd. of Thornaby-on-Tees for the Engines No. 1306 being constructed by Swan Hunter & Richardson of Newcastle-on-Tyne for the <sup>Engine</sup> Ship No. 1306, being built by Swan Hunter & 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 & Richardson.

Mark on Forgings or Castings.

Lloyd's  
No. 80 Lt.  
25.10.28

S. Topping  
Middlesbrough  
25.10.28

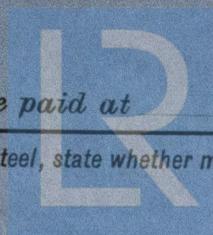
	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>4 Thrust Block Shoes</u>			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Basic Steel (Electric Furnace)</u>			
How made ...	<u>Cast</u>			
If Annealed ...	<u>yes</u>			
Dimensions, <sup>Castings</sup> Forgings	<u>To Pattern</u>			
Weight, Castings	<u>4 = 19-1-14</u>			
Progress on Inspection	<u>as Cast</u>			
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch	<u>32.0</u>			
Extension per cent	<u>28</u>			
Cold Bending Test— Angle before fracture	<u>120°</u>			
Dates when Inspected	<u>11.10.28. 24.10.28. 25.10.28.</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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Foundation

W61-0050