

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port NewcastleNo. 80

ENGINE ~~FORGINGS~~ OR CASTINGS.

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 ^{Engine} 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 L.T.
25.10.28

S. Topping
Middlesbrough
25.10.28

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

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.