

# Lloyd's Register of Shipping.

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

## No. 51 ENGINE ~~FORGINGS OR CASTINGS.~~

I have to report that the Forgings or Castings, as herein described, manufactured by Head Wrightson & Co of Thornaby-on-Tees for the Engines No. 1314 being constructed by Swan, Hunter & Wigham Richardson of Newcastle-on-Tyne for the Ship No. \_\_\_\_\_, being built by Port Wellington of \_\_\_\_\_ 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 Newcastle

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

Mark on Forgings or Castings.

Lloyd's  
No. 380  
S.F. 4-10-28

S. Topping  
Middlesbrough  
4-10-28

3 Comp. Shaft Casts

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...		<u>O.H.</u>		
How made ...		<u>Cast</u>		
If Annealed...		<u>yes</u>		
Dimensions, Forgings		<u>—</u>		
Weight, Castings ...		<u>8-1-23</u>		
Progress on Inspection }		<u>As cast</u>		
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch		<u>30.8</u>		
Extension per cent		<u>26</u>		
Cold Bending Test—				
Angle before fracture		<u>120°</u>		
Dates when Inspected		<u>27-9-28 4-10-28</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop & Hammering tests satisfactory

Fee (if any chargeable) £ — 10/-

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.

