

Spt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. *R 248*)

Port *Newcastle.*

No. *75*

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. *1318*, being built by *Swan Hunter & Wigham Richardson* of *Newcastle* 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*

on Forgings or Castings.

Lloyd's

No. *75*

S.S. 22-10-28

S. Topping
Middlesbrough
22-10-28

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<i>4 Thrust Block Shoes</i>			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...	<i>Basic Steel (Electric Furnace)</i>			
Made ...	<i>Cast</i>			
Heat-treated ...	<i>Yes</i>			
Dimensions, Forgings	<i>u</i>			
Weight, Castings	<i>4 - 19.1.4</i>			
Test on inspection	<i>As cast</i>			
Test on Standard Test Pieces.				
Test—				
Test per square inch	<i>31.6</i>			
Extension per cent	<i>33</i>			
Bending Test—				
Extension before fracture	<i>120°</i>			
When Inspected	<i>17-10-28. 22-10-28.</i>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.