



# Lloyd's Register of British & Foreign Shipping.

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

Port Sunderland

## No. 13032 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by John Spencer & Sons Ltd of Newburn for the Engines No. 772 being constructed by Sidkinson & Sons of Sunderland for the Ship No. \_\_\_\_\_, being built by \_\_\_\_\_ of \_\_\_\_\_ have been inspected by me as set forth below, and found to be, so far as can be seen, Sound

Mark on Forgings or Castings.

Lloyd's

No. 9417-N  
W.C.

McC Campbell  
Newcastle

	CRANK <u>W.C.</u>	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Cast steel</u>			
How made ...	<u>Cast</u>			
Dimensions ...	<u>✓</u>			
Progress on Inspection }	<u>Cast &amp; tested</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch ...	<u>35.6. 352. 43.0.</u>			
Extension per cent ...	<u>27%. 27%. 26%.</u>			
Cold Bending Test—				
Angle before fracture ...	<u>120°. 120°. 120°.</u>			
Dates when Inspected	<u>Jan'y 22-28-1913.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at \_\_\_\_\_

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.