

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No.

Port *Newcastle*)No. *14085* 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. *2173* being constructed by *N. E. M. & Co. Ltd.* of *Wallsend-on-Tyne* 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. *832-N.*
W.C.

McCampbell
Newcastle

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...		<i>Engst Steel</i>		
How made ...		<i>Forged & Machined</i>		
Dimensions ...		<i>10 7/8.</i>		
Progress on } Inspection }		<i>Rough Turned</i>		
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch ...		<i>31 1/4.</i>		
Extension per cent <i>3</i> ...		<i>31 1/2.</i>		
Cold Bending Test—				
Angle before fracture ...		<i>180°</i>		
Dates when Inspected		<i>Sept 8-10-1914</i>		

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.