

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Newcastle)

No. 15821 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. 2323 being constructed by N. E. M. & Co. Ltd. of Wallsend 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.

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

Mark on Forgings or Castings.

Lloyd's
No 3179-N
W.C.

W Campbell
Newcastle

	CRANK SHAFT.		STRAIGHT SHAFTING.		
			THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Ingot Steel</u>	<u>Ingot Steel</u>			
How made ...	<u>Forged</u>	<u>Forged</u>			
Dimensions ...	<u>1 3/4</u>	<u>1 2 3/4</u>			
Progress on Inspection)	<u>Rough turned</u>	<u>Rough turned</u>			
Tests on Standard Test Pieces.					
Tensile Test—					
Tons per square inch ...	<u>31.2. 31.8. 31.4. 31.0. 31.4.</u>	<u>32.0.</u>			
Extension per cent 3"	<u>30%. 31%. 29%. 33%. 31%</u>	<u>31%</u>			
Cold Bending Test—					
Angle before fracture ...	<u>180°. 180°. 180°. 180°. 180°</u>	<u>180°</u>			
Dates when Inspected	<u>August 7, to October 31-1917.</u>				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at _____



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