

# Lloyd's Register of Shipping.

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

Port

*Newcastle*

## No. 16801. 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. *905* being constructed by *Palmer's S. & J. Co. Ltd.* of *Jarrow-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. *4522A*  
*W.C.*

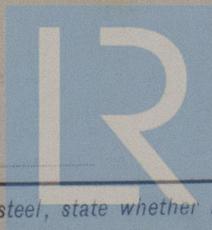
*W. Campbell*  
*Newcastle*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...				<i>Ingot Steel</i>
How made ...				<i>Forged</i>
Dimensions ...				<i>1 1/2</i>
Progress on Inspection }				<i>Rough turned</i>
Tests on Standard Test Pieces.				
Tensile Test—				<i>31/6.</i>
Tons per square inch ...				<i>30%.</i>
Extension per cent ...				<i>180°.</i>
Cold Bending Test—				
Angle before fracture ...				
Dates when Inspected				<i>August 28-1919.</i>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*S S Garmula*

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.

S. S. Gammala  
Palmer No 905 Engines



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