

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port



No. 16953. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by John Rogerson & Co. Ltd. of Wolveringham for the Engines No. 543 being constructed by Sir W. Gosford & Sons Ltd. 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. 4258 N.

H. C.

W. Campbell
Newcastle

	CRANK SHAFT.		STRAIGHT SHAFTING.	
	<u>Cranks</u>	<u>Connecting Rods</u>	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Ingot Steel</u>	<u>Ingot Steel</u>		
How made ...	<u>Forged</u>	<u>Forged</u>		
Dimensions ...	<u>7</u>	<u>6 1/2 x 7 1/2</u>		
Progress on Inspection }	<u>Rough turned</u>	<u>Rough turned</u>		
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch ...	<u>32.0</u>	<u>32.0</u>		
Extension per cent ...	<u>21%</u>	<u>31%</u>		
Cold Bending Test—				
Angle before fracture ...	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>March 25 to October 7-1919.</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.



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Lloyd's Register

WS2-0146

SUNDERLAND RPT. No. 27793

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Foundation