

Received at \_\_\_\_\_ Office, \_\_\_\_\_

# Lloyd's Register of Shipping.

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

No. F13205 ENGINE FORGINGS OR CASTINGS.

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

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by The Stockton Steel Foundry Co Ltd of Stockton-on-Tees for the Engines No. 905 being constructed by Messrs Palmer & 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 ~~Engings or~~ Castings.

*Charles E. Nicks*

*Dec - 2<sup>nd</sup> 1918.*

**Lloyd's**  
**EN** No. 572-3.14  
546.6.7.  
588  
538.9.40. Sub. 7. 8.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Tropenas Steel</u>			<u>nos. Weight.</u>
How made	<u>Cast.</u>			<u>572</u>
Dimensions		<u>6 Eccentric rod ends.</u>		<u>5-0-7</u>
Progress on Inspection	<u>Rough.</u>	<u>1 Ratchet wheel</u>		<u>588</u> - - - <u>14</u>
Tests on Standard Test Pieces				
Tensile Test— Tons per square inch	<u>29.4</u>	<u>3 Top half bott end</u>	<u>538</u>	<u>7-3-4</u>
Extension per cent	<u>33.</u>	<u>2. Bott</u>	<u>46</u>	<u>10-2-22</u>
Cold Bending Test— Angle before fracture	<u>120°</u>			
Dates when Inspected	<u>Nov 28<sup>th</sup> &amp; 29<sup>th</sup></u>			

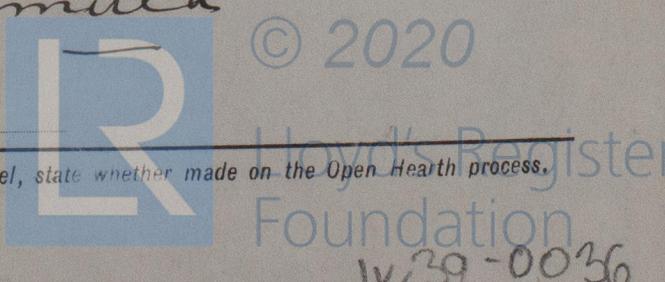
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

*Dropped & Hammered*

*S S Garmula*

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.



Palmer SB & Son Co's 1898

"SARMULA"

NEWCASTLE ON TYNE.

Report No. 73225.



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Lloyd's Register  
Foundation