

Received at

Office,

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

Newcastle

No. F13205 ENGINE ~~FORGINGS~~ OR CASTINGS.

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 ~~Forgings or~~ Castings.

Charles E. Nicks

Dec - 2nd 1918.

	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>
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>3. Bott</u>	<u>40</u>	<u>10-2-22</u>
Cold Bending Test— Angle before fracture ...	<u>120°</u>		<u>46</u>	
Dates when Inspected	<u>Nov 28th & 29th</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 S B & Son Co's 1898

"SARMULA"

NEWCASTLE ON TYNE.

Report No. 73225.



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Foundation