

Received at

11 APR 1923

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____)

No. 418283. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs J Spencer & Son of Newburn for the Engines No. 870 being constructed by Messrs Dickinson & Son of Sunderland. for the Ship No. 256, being built by Messrs Barham & Son of Sunderland 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.

Test No
11513 Thrust Shaft -
11514 Idler -
11515 - -
11516 - -
11635 - -

Lloyd's
No. 6462
J.S.

J Dale
Newcastle.

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		1. THRUST SHAFT.	4 INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	/	Simens Martin Engd. Steel		
How made ...		Rolled & Forged		
Dimensions ...		14 dia	13 3/4 dia	
Progress on Inspection }		Forging & rough Machining		
Tests on Standard Test Pieces.		/		
Tensile Test— Tons per square inch		30.1	30.3, 30.2, 28.6, 29.7	
Extension per cent		29%	28%, 32%, 31%, 33%	
Cold Bending Test— Angle before fracture	180	180		
Dates when Inspected	from 27.12.22 to 5.4.23			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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

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

