

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 J 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

Mark on Forgings or Castings.

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

Lloyd's

No. 6462

48

J Dale
Newcastle.

CRANK SHAFT.		STRAIGHT SHAFTING.			
		1. THRUST SHAFT.	4 INTERMEDIATE SHAFTS.	PROPELLER SHAFT.	
Material* ...	/	Sims-Martin Ingot-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, 29.1			
Extension per cent	29%	28%	32%	31.1	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.