



Received at

Office.

19

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port Sunderland.

No. F18134. ENGINE FORGINGS ~~OR CASTINGS.~~

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs of Spencer & Sons of Newburn for the Engines No. 870 being constructed by Messrs of Dickinson & Sons 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

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

Mark on Forgings or Castings.

Lloyd's
No. 6462 N
J.D.
29-12-22

One crank pin

J Dale
Newcastle

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>S.M. Engd. Steel</u>			
How made ...	<u>Roll'd</u>			
Dimensions ...	<u>1 1/2 dia</u>			
Progress on Inspection }	<u>Machining</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch ...	<u>30.4</u>			
Extension per cent ...	<u>25%</u>			
Cold Bending Test—				
Angle before fracture ...	<u>180°</u>			
Dates when Inspected	<u>27-29/12/22</u>			

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.

