

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 8622. ENGINE FORGINGS OR CASTINGS.

may be required.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs Vickers & Co of Sheffield for the Engines No. D11102 being constructed by Metropolitan Vickers & Co of Manchester 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

on Forgings or Castings.

Lloyd's
No. JP

3 Turbine Axis

J Pringle
Sheffield 3/4/23

	CRANK SHAFT.		STRAIGHT SHAFTING.		
			THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Seamless Steel</u>				
How made	<u>Forged</u>				
Dimensions	<u>✓</u>				
Progress on Inspection	<u>Rough machined</u>				
Tests on Standard Test Pieces.	<u>12070, 12073, 12087</u>		<u>12079, 12069</u>		
tensile Test—	<u>45.0</u>	<u>44.4</u>	<u>45.0</u>	<u>44.5</u>	<u>44.5</u>
Tons per square inch	<u>27.0</u>	<u>27.0</u>	<u>25.5</u>	<u>27.0</u>	<u>27.0</u>
<u>yield</u>	<u>25.0</u>	<u>26.0</u>	<u>26.0</u>	<u>28.0</u>	<u>26.5</u>
Extension per cent	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Cold Bending Test—					
Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Dates when Inspected	<u>15/2/21</u>		<u>16/2/23</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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



9/4/23
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