

## Lloyd's Register of Shipping.

(Report on Machinery, No. 86889 Port Nwc.)No. F2084 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Farington Steel Foundry Ltd of Leyland Lancs. for the Engines No. 30 being constructed by The North Eastern Marine Eng Co Ltd of Wallsend-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 and free from defects. These have been despatched to Wallsend-on-Tyne.

Work on Forgings or Castings.

Lloyd's

No. H

J. J. Milton

Liverpool

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Electric Steel.</u>	<u>5-Branch pieces.</u>		<u>Heat to A 538.</u>
How made ...	<u>Cast.</u>	<u>1-3" Globe Valve</u>		<u>" " A 539</u>
Annealed ...	<u>Yes.</u>	<u>1-3" " " Cover</u>		<u>" " A 539</u>
Dimensions, Forgings	<u>✓</u>	<u>1-5 1/2" " " Cover</u>		<u>" " A 539</u>
Weight, Castings	<u>✓</u>	<u>2 Main Steam Branch Pieces</u>		<u>" " A 540</u>
Progress on Inspection	<u>Rough Cast.</u>	<u>4 Branch pieces</u>		<u>" " A 540</u>
Tests on Standard Test Pieces.		<u>2-2 1/2" Angle Valves</u>		<u>" " A 544</u>
Tensile Test—		<u>3-2 1/2" Angle Valve Covers</u>		<u>" " A 544</u>
Tons per square inch		<u>3-5 1/2" Globe Valve Covers</u>		<u>" " A 562.</u>
Extension per cent	<u>Scuttlings Stated to be same as if Cast Iron</u> <u>was used.</u> <u>20-1-31.</u>			
Old Bending Test—				
Angle before fracture				
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Hammer & Drop Tested.Fee (if any chargeable) £ 10/6. To be paid at \_\_\_\_\_

\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.