

# Lloyd's Register of Shipping.

 (Report on Machinery, No. 95796 Port lwe)

## No. F12014. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Engines~~ Castings, as herein described, manufactured by Messrs. Hopkinsons Ltd. of Huddersfield. Order J.4/230. for the Engines No. 2901 being constructed by Messrs. North Eastern Marine Eng. Co. 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.

Mark on ~~Engines~~ Castings.

Lloyd's

No. G.398. G.462. G.443. G.478 G.556. MANCHESTER.  
6.9.37. 6.9.37. 13.9.37 13.9.37 20.9.37.  
M.A.B. M.A.B. M.A.B. M.A.B. M.A.B.

	<del>CRANK SHAFT</del>	<del>THRUST SHAFT</del>	<del>INTERMEDIATE SHAFT</del>	<del>TURNER SHAFT</del>	
	<del>XXXXXWHEEL SHAFT</del>			<del>SCREW SHAFT</del>	
Material* ...	Cast Steel.	✓ G.398.	1 - 2 Boiler Stop V. Cover F64.		
How made ...	Cast.	✓ G.462.	1 W. G. Pillar F58.		
If Annealed...	Yes.	✓ G.443.	1 - 2" Boiler Stop.V.Cover F65.		
Dimensions {		✓ G.478.	2 - 2" Boiler Stop V. Bodies.F64		
Weight {		✓ G.556.	1 Bend for W.G. Pillar. F59.	F65.	
Weight, Castings ...	2cwts 2qrs 16.lbs.				
Progress on {					
Inspection {	Rough Cast.				
Tests on Standard Test Pieces.	G.398.	G462.	G.443.	G.478.	G.556.
Tensile Test—					
Tons per square inch ...	30.6	29.0	31.4	31.2	31.2
Yield.	14.8	14.6	16.0	14.8	16.4
Extension per cent	29	31.	32	28	28
Cold Bending Test—					
Angle before fracture	130°	130°	130°	130°	130°
Dates when Inspected	2.9.37 6.9.37	2.9.37 6.9.37	9.9.37 13.9.37	9.9.37 13.9.37	16.9.37 20.9.37

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Hammer Tests Satisfactory.

Expenses:—

1 -6d

Fee (if any chargeable)

5/-

To be paid at MANCHESTER.

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