

Lloyd's Register of Shipping.

(Report on Machinery, No. 95796 Port W.C.)

No. F12051 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Hopkinsons Ltd. of Huddersfield. Order J.1/206 for the Engines No. Repair 1141/37 being constructed by Messrs. N. E. 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 Forgings or Castings.

Lloyd's

No. G. 84. G.239 G.365.
M.A.B. J.W.L. M.A.B.
1.7.37. 29.7.37. 3.8.37.

Manchester.

13.12.37.

Wm. M. Black.

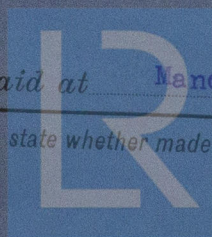
	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	Cast Steel	G.84. 1 - starting V. Cover.		
How made ...	Cast	G.239. 2 - ditto Covers.		
If Annealed...	Yes	G.365. 1 - S.V. Body.		
Dimensions } Forgings				
Weight				
Weight, Castings ...	1 cwt and 12 lbs			
Progress on } Inspection	Rough Cast			
Tests on Standard Test Pieces.	G. 84.	G.239.	G.365.	
Tensile Test—				
Tons per square inch ...	31.2	31.6	30.8	
Yield	17.6	15.4	16.6	
Extension per cent	28	26	28	
Cold Bending Test—				
Angle before fracture ...	136°	130°	130°	
Dates when Inspected	28.6.37. 1.7.37.	15.7.37. 29.7.37.	20.7.37. 3.8.37.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Hammer Tests Satisfactory

Expenses 2/6d.Fee (if any chargeable) 12/6d.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.



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