

For the information of Surveyors and the Committee only.

Received at

Office,

30 MAY 1941

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____

No. F. 1169. ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Mitchell, Shackleton & Co. of Patriscraft for the Engines No. 4023 being constructed by Messrs. H. Widdelo & Co. Ltd. of Highley for the Ship No. 1521, being built by J.S. Watson (Gainsborough) Ltd. of Gainsborough, 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 fitted to engine No. 4023.

Mark on Forgings ~~or Castings~~

Lloyd's

No. 485, 486

297.

J.W.L. 31-1-41

J.W.L. 12-3-41.

L. J. Mathew is Master.
Mandate.
29/5/41.

	GRANK SHAFT. 5-CONN. RODS. N ^o 485 FLYWHEEL SHAFT	THRUST SHAFT. 1-CONN. ROD N ^o 486	INTERMEDIATE SHAFT. 1-THRUST SHAFT N ^o 297.	TUBE SHAFT. SCREW SHAFT.
Material	O. H. 9 in. Steel.			
How made	Forged.			
If Annealed...	Yes.			
Dimensions				
Weight				
Weight, Castings				
Progress on Inspection	Finished machined.			
TEST RESULTS.	N ^o 485	N ^o 486	N ^o 297.	
Ultimate Tensile. Tons per sq. in. ...	31.2	30.6	33.6	
Yield Point. Tons per sq. in. ...	16.8	17.2	18.6	
Extension per cent on 3 inches ...	33.0	34.0	25.0	
Red. of Area %	55.9	57.5	47.2	
Cold Bending Test...	180°	180°	180°	
Dates when Inspected	24-10-40 to 31-1-41.		31-5-40 to 12-3-41	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Fee (if any chargeable)

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.



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Lloyd's Register