

Lloyd's Register of Shipping

Report on Machinery, No. 21313 Port Leith

No. E8542. ENGINE FORGINGS OR CASTINGS.

The words FORGINGS or CASTINGS should be struck out as may be required.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by The Telford & Co. Ltd. of Kirkcaldy for the Engines No. 335 (J. 11827) being constructed by Messrs. Henry Robb & Co. Ltd. of Leith 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 _____

Messrs. Henry Robb & Co. Ltd., Leith.

Mark on Forgings ~~or Castings~~

Lloyd's
No. 8542, 8543, 8544, 8545.
3-12-43 J.F.C.

J. F. Campbell
Leith, 22/12/43.

	CRANK SHAFT. 1-INTERMEDIATE SHAFT. N° 8543 FLYWHEEL SHAFT.	THROST SHAFT. 1-INTERMEDIATE SHAFT. N° 8544	INTERMEDIATE SHAFT. N° 8545	ROD SHAFT. N° 8542. 1, SCREW SHAFT.
Material* ...	S.M. Ingot Steel			
How made ...	Forged			
If Annealed ...	Yes			
Forgings { Dimensions	11 3/8" Dia.			13" Dia.
{ Weight	170 = 1-7			83 = 2-7
Weight, Castings ...				
Progress on Inspection...	Finish machined.			
TEST RESULTS.				
Ultimate Tensile.				
Tons per sq. in...	31.8	31.4	31.0	31.4
Yield Point.				
Tons per sq. in...	✓	✓	✓	✓
Extension per cent.				
on 3 inches...	29%	29%	29%	30%
Red. of Area % ...	✓	✓	✓	✓
Cold Bending Test...	180°	180°	180°	180°
Dates when Inspected	29/10/43 to 3/12/43			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £2-2-0

To be paid at Leith

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