

Lloyd's Register of Shipping.

Report on Machinery, No. 68124

Port Glasgow

No. 8516.

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 Darlington Forge Ltd., of Darlington, ~~Contract~~ for the ~~Engines~~ No. BD/274 being constructed by Messrs. Barclay Curle & Co. Ltd of Glasgow. for the Ship No. V. 237-40, being built by Glasgow. 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 Glasgow.

Mark on Forgings ~~or Castings~~

Lloyd's

No. 8516.

E. B. 21.4.43. 4 Emptying rings.

Middlesbrough.

	CRANK SHAFT.	THRUST SHAFT	INTERMEDIATE SHAFT	TOPE SHAFT
	FLYWHEEL SHAFT			SCREW SHAFT
Material* ...	SM Acid OH Steel.			
How made ...	Forged.			
If Annealed ...	Treated.			
Dimensions	To plan.			
Forgings (Weight)	1 - 8 - 2 - 0			
Weight, Castings ...	1			
Progress on Inspection...	Rough Machined.			
TEST RESULTS.	82383, 4, 5, 6.			
Ultimate Tensile.				
Tons per sq. in...	34.8			
Yield Point.				
Tons per sq. in....	18.2			
Extension per cent.				
on 3 inches	29.0			
Red. of Area % ...	1			
Cold Bending Test...	180° NB			
Dates when Inspected	19.2.43 to 21.4.43.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

O.N. 175415.

Fee (if any chargeable) 5/-

To be paid at

Mdb.

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