

Lloyd's Register of Shipping.

Report on Machinery, No.

68124

Port

Glasgow

No. 39171

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Hadfields Ltd., of SHEFFIELD. Order BD/VC.42-43 of for the Engines No. being constructed by Messrs. Barclay Curle & Co., of GLASGOW. for the Ship No., being built by

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

Mark on Forgings or Castings.

Lloyd's

No. 914

JC

F. J. Morgan, Chairman

SHEFFIELD 15/11/43

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	1 Pinion.			
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	Siemens Steel.			
How made ...	Forged.			
If Annealed ...	Heat Treated.			
Forgings {				
Dimensions				
Weight				
Weight, Castings ...				
Progress on	Rough machined and finished bore.			
Inspection...				
<u>TEST RESULTS.</u>				
	L	X		
Ultimate Tensile.				
Tons per sq. in...	44	45.6		
Yield Point.				
Tons per sq. in...	34	36		
Extension per cent.				
on 2 inches...	26	23		
Red. of Area % ...	61.6	56		
Cold Bending Test...	180°	180°		
Dates when Inspected	27/9/43 to 5/11/43			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Izod 62, 49, 65

Bore examined and found satisfactory.

Fee (if any chargeable) Monthly account. To be paid at SHEFFIELD.

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