

## Lloyd's Register of Shipping.

Report on Machinery, No. 68134

Port

Glasgow

No. 39270

## ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Hadfields Ltd., of SHEFFIELD. Order of for the Engines No. BD/V42/43 being constructed by Messrs. Barclay Curle & Co. Ltd. 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. 966  
JC.

SHEFFIELD 2/12/43

	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 Inspection ...	Rough machined and finished bore.			
<b>TEST RESULTS.</b>	L	X		
Ultimate Tensile.				
Tons per sq. in...	43.6	43.2		
Yield Point.				
Tons per sq. in...	32	32.4		
Extension per cent.				
on 2 inches...	28	25		
Red. of Area % ...	62.8	54.8		
Cold Bending Test...	180°	180°		
Dates when Inspected	2/11/43 to 22/11/43			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Izod. 76,80,80

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.