

Lloyd's Register of Shipping.

Report on Machinery, No. 69670Port GlasgowNo. F.3472.

ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. Langley Forge Co. Ltd. of Langley. order for the ~~Engine~~ No. 5053. ~~being constructed by~~ Messrs. British Auxiliaries Ltd. of 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

Glasgow. S.W.

Mark on Forgings ~~or Castings~~.

Lloyd's.

No 3089.TT. 24.8.43.

J.T.

T. Tindale

Birmingham. 25.8.43.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
		1.		
	POWERED SHAFT			SCREW SHAFT.
Material* ...		S.M.A.O.H. Steel.		
How made ...		Forged.		
If Annealed ...		Yes.		
Forgings Dimensions				
Weight		0.16.1.0.		
Weight, Castings ...				
Progress on Inspection...		Rough machined.		
TEST RESULTS.				
Ultimate Tensile.		39.		
Tons per sq. in...		29.2		
Yield Point.				
Tons per sq. in...		17.6		
Extension per cent.				
on 2 inches...		31.0		
Red. of Area %		52.0		
Cold Bending Test...		180° WF.		
Dates when Inspected		30.4.43. 7.5.43. 24.8.43.		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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

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