

Lloyd's Register of Shipping.

Report on Machinery, No. 69670

Port.

Glasgow

No. F.3787

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.
for the ~~Engine~~ No. 8225 ~~being constructed by~~ of Messrs. British Auxilairies
~~xxx~~ Ltd., 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.

Mark on Forgings or ~~Castings~~

Lloyd's

No. 3170

23.10.43 T.T.

BIRMINGHAM 26.10.43

	CRANK SHAFT	THRUST SHAFT	INTERMEDIATE SHAFT	TUBE SHAFT
	1 S.P. Piston Rod			
	FLY WHEEL SHAFT			SCREW SHAFT
Material* ...	S.M.A. O.H. Steel			
How made ...	Forged			
If Annealed ...	Yes			
Forgings (Dimensions)				
(Weight)	0-0-2-24.			
Weight, Castings ...				
Progress on Inspection...	Rough machined.			
TEST RESULTS.	233			
Ultimate Tensile.				
Tons per sq. in...	33.2			
Yield Point.				
Tons per sq. in...	19.6			
Extension per cent.				
on 2" inches...	28.0			
Red. of Area % ...	44.8			
Cold Bending Test...	180° WF.			
Dates when Inspected	5.10.43 12.10.43 23.10.43			

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.