

Lloyd's Register of Shipping.

Report on Machinery, No. 6868 Port Glasgow

No. F3159 **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 Messrs. Mitchell Shackleton & Co. Ltd., of Patricroft Order No. 6823 being constructed by Messrs. British Aux. Ltd., of GLASGOW 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. 2095.
30.9.43. F.H.

MANCHESTER. 14.10.43.

	1 CRANK SHAFT.	THRUST SHAFT.	DISPENSER SHAFT.	TOPE SHAFT.
	<u>8 Throw.</u>			
	FORGINGS			SCREW
Material* ...	<u>O. H. Steel.</u>			
How made ...	<u>Forged.</u>			
If Annealed ...	<u>Heat treated.</u>			
Forgings	Dimensions <u>Pins & Journals 285 m/m.</u>			
	Weight <u>T.4.19.2.16.</u>			
Weight, Castings ...	<u>-</u>			
Progress on Inspection...	<u>Finished.</u>			
TEST RESULTS.				
	T.	B.		
Ultimate Tensile. Tons per sq. in...	<u>30.0</u>	<u>29.6</u>		
Yield Point. Tons per sq. in....	<u>16.4</u>	<u>16.8</u>		
Extension per cent. on <u>2</u> inches...	<u>37.0</u>	<u>36.0</u>		
Red. of Area % ...	<u>63.7</u>	<u>57.0</u>		
Cold Bending Test...	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>8.7.43 to 30.9.43.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



Fee (if any chargeable) **£3 : 3 : 0**

To be paid at **MANCHESTER.**

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