

Lloyd's Register of Shipping.

(Report on Machinery, No. 60730 Port GLASGOW)

No. 31861 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. T. Fild & J. Brown Ltd. of Sheffield for the ~~Engines~~ ^{Order} No. 5099/38 being constructed by Messrs. J. Brown & Co. Ltd. of Clydebank 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 _____

Mark on Forgings or Castings.

Lloyd's
No. <u>See</u>
<u>C.S.P.</u>
<u>D.R.W.</u>

for D.R. Walburn & self at PorterSheffield 13/9/38

	CRANK SHAFT. 2 1st Reduction Wheel Rims S.8501 S.8501A FLYWHEEL SHAFT.	THRUST SHAFT. 2 1st Reduction Wheel Rims S.8502 S.8502A	INTERMEDIATE SHAFT. 1 L.P. Reaction Wheel, 2nd. stage. S.8503.	TUBE SHAFT. 1 H.P. Dummy Rim S.8498. SCREW SHAFT.
Material*	Semi-steel		Steel	
How made	Forged		Forged	
If Annealed...	Heat		Treated	
Dimensions	6' 2 ⁵ / ₈ " ⁷ / ₁₆ " X 5' 9 ³ / ₄ " ¹ / ₂ "		3' 8 ¹ / ₄ "	2' 2 ⁷ / ₁₆ " ⁷ / ₁₆ " X 16 ¹ / ₄ " ¹ / ₂ "
Weight	11.1.22 11.1.19 11.2.24 11.3.18		8-1-12	4.3.8
Weight, ^{FORGINGS} Castings	Rough		Machined	
Progress on Inspection	Rough		Machined	
Tests on Standard Test Pieces.	Tensile Test—		Tensile Test—	
Tons per square inch	36.0		36.0	37.0
Extension per cent	31.5		27.0	27.0
Cold Bending Test—	180°		180°	180°
Angle before fracture	180°		180°	180°
Dates when Inspected	22/4/38		to	2/9/38

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £3-0-0

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.