

Rpt. 7. For the information of Surveyors and the Committee only.

Received at _____ Office, *30 NOV 1933*

Lloyd's Register of Shipping.

(Report on Machinery, No. *19703* Port *Greenwich*)

No. *F.3537*. ENGINE ~~FORGINGS~~ *OR CASTINGS*.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by *Messrs Mitchell, Shackleton & Co. Ltd.* of *Manchester* for the ^{ADV. ORDER} Engines No. *1630* being constructed by *Messrs Russell, Newbery & Co.* of *Altrincham* *W. Manchester* 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 *Altrincham*.

on Forgings or Castings

Lloyd's *A*
No. *3103-4*
G.A. *26-5-33*

Signed: *George Anderson*
Manchester

27-5-33

	CRANK SHAFTS. <i>TWO - 3 THROW</i> <i>Nº 3103 - 4</i> FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
				SCREW SHAFT.
Material * ...	<i>O.H. English Steel</i>			
made ...	<i>Forged</i>			
annealed ...	<i>Yel.</i>			
Dimensions, Forgings	<i>2 3/8" Pins & journals.</i>			
Weight, Castings				
Pressure on Inspection	<i>Finished machined</i>			
Tests on Standard Test Pieces.	<i>3103</i>	<i>3104</i>		
Yield Test—	<i>40.4</i>	<i>40.0</i>		
Yield per square inch	<i>21.6</i>	<i>22.4</i>		
Tension per cent	<i>24.0</i>	<i>26.0</i>		
Bending Test—	<i>180°</i>	<i>180°</i>		
Angle before fracture				
When Inspected	<i>12/4/33 to 26/5/33</i>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Shaft Nº 3103 used for Auxiliary Engine Nº 3095 for Messrs Newbery & Co. J.F. Campbell. Manchester.

(if any chargeable) £

To be paid at

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

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