

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office, 26 AUG 1930 10

Lloyd's Register of Shipping.

(Report on Machinery, No. 41464 Port HULL)

No. 2160 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Rotherham Forge & Rolling Mills Co Ltd. of Rotherham for the Engines No. 621 being constructed by Messrs Amos & Smith Ltd. of Hull 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. See below
RWF 14-8-30

RW Hawcett

Sheffield 23/8/30

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Bar</u>	<u>1 Journal</u>		
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Leimans Steel</u>			
How made ...	<u>Forged</u>			
If Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>7 $\frac{9}{16}$"</u>	<u>7 $\frac{9}{16}$"</u>		
Weight, Castings	<u>✓</u>	<u>✓</u>		
Progress on { Inspection }	<u>Black</u>			
Tests on Standard Test Pieces.	<u>R 4033</u>	<u>R 4055</u>		
Tensile Test— Tons per square inch	<u>637</u>	<u>653</u>		
Extension per cent	<u>30.4</u>	<u>31.6</u>		
Cold Bending Test— Angle before fracture	<u>30.0</u>	<u>34.0</u>		
	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>25/7/30 to 1/8/30</u>	<u>1/8/30 to 14/8/30</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (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.