

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

10

Lloyd's Register of Shipping.

(Report on Machinery, No. 41353. Port Hull.)

No. 21791 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Rotherham Forge & R. Mills Ltd. of Rotherham for the Engines No. 1408A being constructed by Messrs C. D. Holmes & Co. 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. as below

R.W.F. 29/8/30.

R.W. Fawcett

Sheffield

10/9/30.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Journal</u>		<u>3. Con. Rods.</u>	
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Piemens</u>		<u>Steel</u>	
How made ...	<u>Forged</u>			
Is it Annealed ...	<u>Yes.</u>			
Dimensions, Forgings	<u>Dia 7 1/2"</u>			
Weight, Castings				
Progress on Inspection }	<u>Black</u>		<u>Forgings</u>	
Tests on Standard Test Pieces.	<u>R4110</u>	<u>R4110</u>	<u>682.</u>	
Tensile Test—	<u>680</u>	<u>679.</u>	<u>30.8</u>	
Tons per square inch	<u>30.1</u>	<u>30.6</u>		
Extension per cent	<u>35.0</u>	<u>36.0</u>	<u>33.0</u>	
Cold Bending Test—	<u>180°</u>	<u>180°</u>	<u>180°</u>	
Angle before fracture				
Dates when Inspected	<u>27/8/30</u>	<u>to</u>	<u>29/8/30</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.