

Rpt. 7

For the information of Surveyors and the Committee only.

Received at

Office

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 44612 Port Hull)

L.T. Brentes.

No. 24/2 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. 1455 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 _____

The words FORGINGS or CASTINGS should be struck out as may be required.

Mark on Forgings or Castings.

Lloyd's

No. as below
31. 1. 34
M.A.B. 15. 2. 34

M.A. Black.

Sheffield
27/2/34

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>3 Crk Rods, 2 Piston Rods, 1 Piston Rod.</u>			<u>1 Bar for Crank Pins</u>
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material*	<u>Siemens</u>		<u>Steel</u>	
How made	<u>Forged</u>			
Annealed	<u>Yes.</u>			
Dimensions, Forgings	<u>Dia 4 3/8", 4 7/8"</u>	<u>Dia 4 1/8"</u>	<u>Dia 8"</u>	<u>Dia 8 1/2"</u>
Weight, Castings				
Progress on Inspection	<u>Black</u>		<u>Forgings</u>	
Tests on Standard Test Pieces.	<u>2104</u>	<u>2104</u>	<u>2104</u>	<u>21061</u>
Tensile Test—	<u>267</u>	<u>269</u>	<u>270</u>	<u>272</u>
Tons per square inch	<u>31.2</u>	<u>31.2</u>	<u>31.9</u>	<u>31.2</u>
Extension per cent	<u>30.0</u>	<u>34.0</u>	<u>31.0</u>	<u>38.0</u>
Cold Bending Test—				
Angle before fracture	<u>180 W.F.</u>	<u>180 W.F.</u>	<u>180 W.F.</u>	<u>180 W.F.</u>
Dates when Inspected	<u>26/1/34</u>	<u>to</u>	<u>31/1/34</u>	<u>13/2/34 to 15/2/34</u>

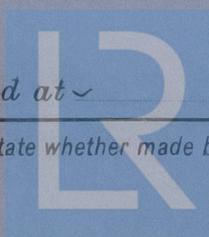
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

This report cancels Report No. F. 24/04

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.



© 2020

Lloyd's Register Foundation

002522-002528-0059

Manufacturer.