

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at



Lloyd's Register of Shipping

(Report on Machinery, No. 44137 Port Hull)

No. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs T. S. Forster & Son Ltd of Sunderland for the Engines No. 1441 being constructed by Messrs C. D. Holmes & Co 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 Messrs C. D. Holmes & Co Hull

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

Mark on Forgings or Castings.

Lloyd's
No. 6930
20-7-33

J. Dale
Sunderland

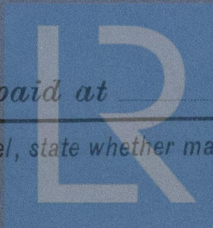
	CRANK SHAFT. <i>Journal & pin & collar end.</i> FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT. 3 Connecting rods 3 Piston rods	TUBE SHAFT. SCREW SHAFT.
Material* ...	<u>12 Inged. Steel</u>	<u>12 Inged. Steel</u>	<u>12 Inged. Steel</u>	<u>12 Inged. Steel</u>
How made ...	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>
Annealed ...	<u>yes</u>	<u>yes</u>	<u>yes</u>	<u>yes</u>
Dimensions, Forgings	<u>7 3/4 dia</u>	<u>7 3/4 dia</u>		<u>8 7/16 dia</u>
Weight, Castings				
Progress on { Inspection }	<u>Forging & testing</u>	<u>Forging & testing</u>	<u>Forging & testing</u>	
Tests on Standard Test Pieces.	<u>Pin</u>		<u>Connecting rods</u> <u>Piston rods</u>	
Tensile Test— Tons per square inch	<u>31.8</u> <u>35.6</u>	<u>30.4</u>	<u>29.2</u> <u>29.8</u>	<u>30.4</u>
Extension per cent	<u>32%</u> <u>32%</u>	<u>33%</u>	<u>29%</u> <u>28%</u>	<u>33%</u>
90° Bending Test— Angle before fracture	<u>180°</u> <u>180°</u>	<u>180°</u>	<u>180°</u> <u>180°</u>	<u>180°</u>
Dates when Inspected	<u>12/7/33</u> <u>16</u> <u>20/7/33</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.



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Foundation

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