

Rpt. 7.

For the information of Surveyors and the Committee on

Received at

Office,

21 JUL 1933

# Lloyd's Register of Shipping

(Report on Machinery, No. 44173 Port Hull)

## No. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs J.S. Foster & Son Ltd of Sunderland for the Engines No. 1442 being constructed by R. 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 R.C.D. Holmes & Co. Hull

Mark on Forgings or Castings.

Lloyd's

No. 6931

20-7-33

	CRANK SHAFT. <i>Journal 9 pins.</i>	THRUST SHAFT. <i>3 Piston rods</i>	INTERMEDIATE SHAFT. <i>3 Connecting rods</i>	TUBE SHAFT. <i>SCREW SHAFT.</i>
Material* ...	<i>Specimen 1/2 Ingot Steel</i>	<i>1/2 Ingot Steel</i>	<i>1/2 Ingot Steel</i>	<i>1/2 Ingot Steel</i>
How made ...	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>
If Annealed ...	<i>yes</i>	<i>yes</i>	<i>yes</i>	<i>yes</i>
Dimensions, Forgings	<i>7 3/4 dia</i>			<i>8 7/16 dia</i>
Weight, Castings				
Progress on Inspection }	<i>Forging &amp; testing</i>			
Tests on Standard Test Pieces.	<i>pins</i>			
Tensile Test—				
Tons per square inch	<i>31.8</i>	<i>35.6</i>	<i>29.8</i>	<i>30.4</i>
Extension per cent	<i>32%</i>	<i>32%</i>	<i>28%</i>	<i>33%</i>
Cold Bending Test—				
Angle before fracture	<i>180°</i>	<i>180°</i>	<i>180°</i>	<i>180°</i>
Dates when Inspected		<i>12/7/33</i>	<i>16</i>	<i>20/7/33</i>

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.

10m, 1.30.

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