

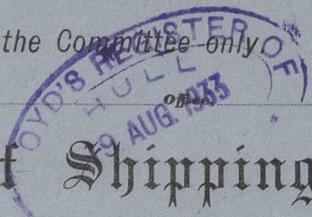
Rpt. 7.

For the information of Surveyors and the Committee only

Received at

On

10



# Lloyd's Register of Shipping.

(Report on Machinery, No. *44160* Port *Wool*)

AMENDED  
No. *23954*

## ENGINE FORGINGS OR CASTINGS.

*Lord Plender*

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

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. *1440* being constructed by *Messrs C. D. Holmes, C. Ltd.* of *Sheff* 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. *708*  
M.A.B. *25/5/33*

*M.A. Black.*

*Sheffield*  
*29/6/33*

	<del>CRANK SHAFT.</del>	<del>THRUST SHAFT.</del>	<del>INTERMEDIATE SHAFT.</del>	<del>TUBE SHAFT.</del>
	<i>3. Crk Rods</i>	<i>2 Piston Rods</i>		<i>1 Journal</i>
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
Material* ...	<i>Cast Iron</i>		<i>Steel</i>	
How made ...		<i>Forged</i>		
If Annealed ...		<i>Yes</i>		
Dimensions, Forgings	<i>Dia 4 1/2" - 4 5/8"</i>	<i>Dia 4 1/2"</i>	<i>Dia 8"</i>	<i>Dia 8 1/4"</i>
Weight, Castings	✓	✓	✓	✓
Progress on Inspection }	<i>Black</i>		<i>Forgings</i>	
Tests on Standard Test Pieces.	<i>145</i>	<i>14</i>	<i>149</i>	<i>150</i>
Tensile Test—	<i>29.4</i>	<i>28.2</i>	<i>30.0</i>	<i>29.0</i>
Tons per square inch				
Extension per cent <i>3"</i>	<i>29.0</i>	<i>35.0</i>	<i>31.0</i>	<i>34.0</i>
Cold Bending Test—	<i>180° W.F.</i>	<i>180° W.F.</i>	<i>180° W.F.</i>	<i>180° W.F.</i>
Angle before fracture				
Dates when Inspected	<i>19/5/33</i>	<i>6</i>	<i>25/5/33</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.

