

# Lloyd's Register of Shipping.

(Report on Machinery, No. 40332 Port Hull.)

## No. 18301 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. 593, being constructed by Messrs Amos & Smith 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 \_\_\_\_\_

Work on Forgings or Castings.

*M. W. Fawcett*

*Sheffield*  
*24/7/29*

Lloyd's

*Not as below.*

*R.N.F. 16.7.29*  
*18.7.29*

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Bar</u>			
	<del>FLYWHEEL SHAFT.</del>			<u>1 SCREW SHAFT.</u>
Material* ...	<u>Siemens</u>	<u>Steel</u>	<u>Siemens</u>	<u>Steel</u>
How made ...	<u>Forged</u>		<u>Forged</u>	
Annealed ...	<u>Yes</u>		<u>Yes</u>	
Dimensions, Forgings	<u>Dia 7<sup>13</sup>/<sub>16</sub>"</u>	<u>Dia 7<sup>3</sup>/<sub>4</sub>"</u>	<u>Dia 7<sup>1</sup>/<sub>2</sub>"</u>	<u>Dia 8<sup>13</sup>/<sub>16</sub>"</u>
Weight, Castings	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Progress on Inspection	<u>Black.</u>	<u>Forgings.</u>	<u>Black</u>	<u>Forgings.</u>
Tests on Standard Test Pieces.	<u>B 2114</u>	<u>B 2114</u>	<u>B 2114</u>	<u>B 2136</u>
Penetration Test—	<u>894</u>	<u>897</u>	<u>898</u>	<u>895</u>
Tons per square inch	<u>30.4</u>	<u>28.8</u>	<u>29.3</u>	<u>31.0</u>
Extension per cent	<u>34.0</u>	<u>34.0</u>	<u>35.0</u>	<u>35.0</u>
180° Bending Test—	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Angle before fracture				
Dates when Inspected	<u>12/7/29</u>	<u>to 16/7/29</u>		<u>12/7/29 to 18/7/29</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(if any chargeable) £ ✓

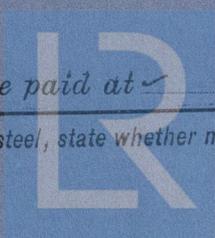
To be paid at ✓

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W434-0020

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\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.