

For the information of Surveyors and the Committee only.

Received at

Office, 27 MAY 1930 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. H 1129 Port Hull)

## No. 21208 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. 678 being constructed by Messrs Pauls L.B. & Eng. 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 \_\_\_\_\_

in Forgings or Castings.

Lloyd's

No. 3733

R.N.P. 15/5/30

RW Fawcett

Sheffield

21/5/30

	CRANK SHAFT.	2 THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Prop Shaft</u>			
	FLYWHEEL SHAFT.			
Material	<u>Iron</u>			<u>Steel</u>
Made		<u>Forged</u>		
Heat-treated		<u>Yes</u>		
Dimensions, Forgings	<u>Dia 7"</u>	<u>Dia 5 3/8"</u>	<u>Dia 5 3/8"</u>	<u>Dia 7"</u>
Weight, Castings				
Process on inspection	<u>Black</u>		<u>Forgings</u>	
Tests on Standard Test Pieces.	<u>502</u>	<u>500</u>	<u>501</u>	<u>503</u>
Yield Test—	<u>30.7</u>	<u>29.5</u>	<u>31.0</u>	<u>31.1</u>
Stress per square inch	<u>32.0</u>	<u>33.0</u>	<u>32.0</u>	<u>35.0</u>
Tension per cent	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Bending Test—				
Angle before fracture				
When Inspected	<u>12/5/30</u>		<u>to 15/5/30</u>	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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.

18.29.

Dated 10th August, 1930.

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