

pt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

-8 MAY 1930

Lloyd's Register of Shipping.

(Report on Machinery, No. 41129 Port Hull.)

No. 21015 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Nottingham Forge & R. Hulls Ltd. of Nottingham for the Engines No. 678 being constructed by Messrs. Fairbairn & Sons 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 _____

Report on Forgings or Castings.

Lloyd's

No. ✓

J.P. 28/4/30.

J. P. Pingle

Sheffield

30/4/30.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>3 Piston Rods</u>	<u>3 Piston Rods</u>	<u>3 Con Rods</u>	<u>3 Con Rods</u>
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>Siemens</u>		<u>Steel</u>	
Material made ...		<u>Forged</u>		
Material annealed ...		<u>Yes</u>		
Dimensions, Forgings	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Weight, Castings	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
Progress on Inspection	<u>Black</u>		<u>Forgings</u>	
Tests on Standard Test Pieces.	<u>4/3</u>	<u>4/4</u>	<u>4/5</u>	<u>4/6</u>
Welding Test—	<u>30.3</u>	<u>31.4</u>	<u>31.5</u>	<u>31.8</u>
Tons per square inch	<u>33.0</u>	<u>29.0</u>	<u>31.0</u>	<u>31.0</u>
Extension per cent	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Dates when Inspected	<u>18/4/30</u>	<u>to</u>	<u>28/4/30.</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.