

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

No. *F912* ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings or Castings, as herein described, manufactured by *The Life Forge Co Ltd* of *Kirkcaldy* for the Engines No. *200* being constructed by *J. Lewis & Son* of *Aberdeen* 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 *Aberdeen*

Mark on Forgings or Castings.

Lloyd's

No. *912/913**J.H.**5-9-30**John Houston**Leith. 18/9/30*

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...		<i>S. M. Ingot Steel</i>		<i>Iron</i>
How made ...		<i>Forged</i>		
Annealed ...		<i>yes.</i>		
Dimensions, Forgings		<i>6 3/4 dial</i>	<i>6 3/8 dial</i>	<i>7 1/4 dial</i>
Weight, Castings		✓	✓	✓
Progress on Inspection		<i>Black Forgings</i>		
Tests on Standard Test Pieces.			<i>912</i>	<i>913</i>
Stress Test—			<i>30.6</i>	
Tons per square inch			<i>30.</i>	<i>No test.</i>
Extension per cent			<i>180</i>	
and Bending Test—				
Angle before fracture				
Dates when Inspected		<i>5/9/30 to 15/9/30</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.

p. 130.