

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. 91427 Port Newcastle)

No. _____ ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs J. S. Forster & Son of Sunderland for the Engines No. 2806 being constructed by North Eastern Marine Eng^g Co. of Wallsend-on-Tyne 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 North Eastern Marine Eng^g Co. Wallsend-on-Tyne

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

Mark on Forgings or Castings.

Lloyd's
No. 7163
97

6 Piston rods
6 Connecting rods
& gudgeon pins.
J. Dale
Sunderland

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>2 1/2 In. 2 1/2 In. steel</u>			
How made ...	<u>Forged</u>			
Annealed ...	<u>yes</u>			
Dimensions, Forgings	<u>✓</u>			
Weight, Castings	<u>✓</u>			
Progress on Inspection	<u>Forging & testing</u>			
Tests on Standard Test Pieces.	<u>(Connecting rods) 5</u>		<u>(Pins.)</u>	
Tensile Test—	<u>29.0, 30.0, 35.8</u>		<u>35.6, 35.8</u>	
Tons per square inch ...	<u>34%, 30%, 31%</u>		<u>32%, 24%</u>	
Extension per cent ...	<u>180°, 180°, 180°</u>		<u>180°, 180°</u>	
Cold Bending Test—	<u>180°</u>		<u>180°</u>	
Angle before fracture ...	<u>180°</u>		<u>180°</u>	
Dates when Inspected	<u>1/2/34 -</u>		<u>13/2/24</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.

5m, 8, 26.

The foregoing is a correct description,

Thomas Dale

