

# Lloyd's Register of Shipping.

(Report on Machinery, No. 31427 Port Sunderland)

## No. \_\_\_\_\_ ENGINE FORGINGS OR CASTINGS.

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

I have to report that the Forgings or Castings, as herein described, manufactured by Wm T. S. Forster & Co Ltd of Sunderland for the Engines No. 2809 being constructed by North Eastern Marine Eng Co of Sunderland 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 Co. Wall Sunderland

Mark on Forgings or Castings.

Lloyd's

No. 7230

6.15.34

J Dale  
Sunderland

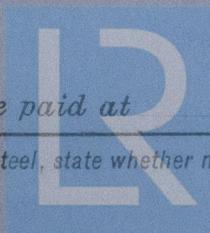
	CRANK SHAFT. <i>Journals &amp; pins</i>	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material	<u>Steel</u>	<u>Martin mild-steel.</u>		
How made		<u>Forged</u>		
If Annealed		<u>Yes</u>		
Dimensions, Forgings	<u>8 1/4 dia</u>	<u>7 5/8 dia</u>	<u>7 3/8 dia</u>	<u>8 5/8 dia</u>
Weight, Castings				
Progress on Inspection	<u>Forging testing &amp; rough machining</u>			
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch	<u>29.4</u>	<u>28.8</u>	<u>29.4</u>	<u>30.2</u>
Extension per cent	<u>35%</u>	<u>35%</u>	<u>35%</u>	<u>33%</u>
Cold Bending Test— Angle before fracture	<u>180°</u>	<u>180°</u>	<u>180°</u>	<u>180°</u>
Dates when Inspected	<u>6.3.34</u>	<u>to</u>	<u>15/3/34</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.



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17500-95M