

For the information of Surveyors and the Committee only.

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. F 1. 2 ENGINE FORGINGS ~~OR~~ CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Life Iron Co Ltd of High Cady for the Engines No. 361 being constructed by Campbell & Nicholson of Southampton 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 Southampton

mark on Forgings or Castings.

Lloyd's

No. 1. 2. 3. 3A. 3B. 3C.

A. T. 7. 1. 8. 38

W. T. Thomas
Leith

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			2 SCREW SHAFT.
Material*			0.4. Steel	0.4. Steel
How made			forged	forged
Annealed...			yes	yes
Dimensions, Forgings			7 1/4" dia	8 1/4" dia
Weight, Castings				
Progress on { Inspection }			finished	
Tests on Standard Test Pieces.			3 : 3A : 3B : 3C	1 : 2
Tensile Test—			30.2 : 30.0 : 30.2 : 30.2	29.8 : 29.8
Tons per square inch			30 : 31 : 32 : 31	30 : 30
Extension per cent			150° : 150° : 150° : 150°	150° : 150°
Cold Bending Test—			1.6 : 1.6 : 1.8. 38	
Angle before fracture				
Dates when Inspected				

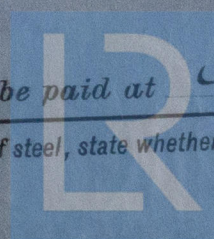
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Southampton Rur.

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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W306-0051