

Lloyd's Register of Shipping.

(Report on Machinery, No. 45170)Port GlasgowEng KERALANo. 1167ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Robert Len & Son & Co of Glasgow for the Engines No. 370/2 being constructed by Bow & Lachlan & Co of Paisley 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

Connecting Rods & Piston Rods by Bow & Lachlan & Co Paisley

on Forgings or Castings.

Lloyd's

No. 1167A.F.Alexander FletcherGlasgow 29/7/1925

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Siemens</u>	<u>Crucible</u>	<u>Ingot</u>	<u>Steel</u>
How made	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>	<u>Forged</u>
Dimensions	<u>3 3/4 dia</u>	<u>3 3/4 dia</u>	<u>3 1/2 dia</u>	<u>3 1/8 dia</u>
Progress on Inspection	<u>Forging</u>	<u>Machining & Testing</u>	<u>Machining & Testing</u>	<u>Machining & Testing</u>
Tests on Standard Test Pieces.				
Tensile Test—	<u>32, 32, 32, 32</u>	<u>31-0 31-0</u>	<u>30.8, 29.4</u>	<u>30.6 30.4</u>
Tons per square inch	<u>32, 31, 33, 29</u>	<u>35 35</u>	<u>35 38</u>	<u>30 33</u>
Extension per cent	<u>180</u>	<u>180</u>	<u>180</u>	<u>180</u>
Old Bending Test—				
Angle before fracture	<u>13</u>	<u>6</u>	<u>15</u>	<u>28</u>
Dates when Inspected	<u>13/6/1925</u>	<u>15/7/1925</u>	<u>15/7/1925</u>	<u>15/7/1925</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ NIL (Vessel Classed) might

To be paid at _____

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.