

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 34292 Port Glasgow.)

of Bingera.

No. 2125. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by James Carmichael & Co., Ltd. of Dundee, for the Engines No. 763 being constructed by McKie & Baxter, of Govan, for the Ship No. , being built by

have been inspected by me as set forth below, and found to be, so far as can be seen, of good material.

James Carruthers.

21-2-14.

Mark on Forgings or Castings.

Lloyd's

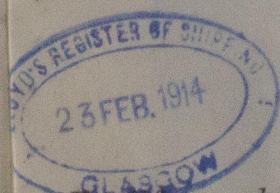
No. 460M

J.C. 20-12-13 Propeller shaft.
J.C. 19-1-14 Thrust & 2 Intermediate shafts.
J.C. 12-2-14 1 Intermediate shaft.
J.C. 20-2-14 1

STRAIGHT SHAFTING.

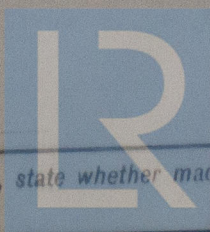
| | CRANK SHAFT. | 1 THRUST SHAFT. | 4 INTERMEDIATE SHAFTS. | 1 PROPELLER SHAFT. |
|--------------------------------|--------------|--------------------------------|--|--|
| Material* | | S.M. INGOT STEEL. | S.M. INGOT STEEL. | S.M. INGOT STEEL. |
| How made | | Forged. | Forged. | Forged. |
| Dimensions | | 7" dia. | 6 5/8" dia. | 7 1/2" dia. |
| Progress on Inspection | | Black rough turned & finished. | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— | | 30.0 | 30.6, 33.1, 31.3 | 30.8 |
| Tons per square inch | | 33% ± 3" | 30%, 30%, 33% ± 3" | 33% ± 3" |
| Extension per cent | | 180° w.F. | 180° w.F. | 180° w.F. |
| Cold Bending Test— | | | | |
| Angle before fracture | | 15 1/4, 29 1/2, 19 1/4 | 15 1/4, 29 1/2, 19 1/4, 14 1/2, 29 1/2, 19 1/4 | 15 1/4, 29 1/2, 19 1/4, 14 1/2, 29 1/2, 19 1/4 |
| Dates when Inspected | | 15/1/14, 29/1/14, 19/1/14 | 12/2/14, 17/2/14, 19/2/14, 29/2/14 | 15/2/14, 17/2/14, 19/2/14, 29/2/14 |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS.



Fee (if any chargeable) £ none.
To be paid at ✓

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



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Lloyd's Register Foundation

THE LLOYD'S REGISTER OF SHIPBUILDING AND SHIPREPAIRING

In the T. B. B.

to 2763

Register of Shipbuilding and Shiprepairing

ENGINE WORKING ON SHIPBUILDING

For the information of the Committee only

Notes when presented
with proof of
the Board of
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