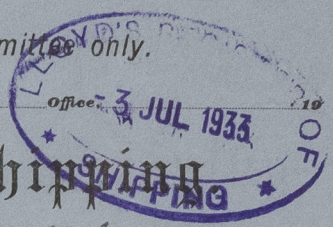


Rpt. 7.

For the information of Surveyors and the Committee only.

Received at



Lloyd's Register of Shipping

(Report on Machinery, No. 44160 Port Hull)

No. 23954 ENGINE FORGINGS OR CASTINGS. Lord Plender

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Rotherham Forge & Rolling Mills Co. Ltd. of Rotherham for the Engines No. 1440 being constructed by Messrs C. D. Holmes & Co. Ltd. of Hull 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 _____

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

Mark on Forgings or Castings

Lloyd's
No. 708
M.A.B. 25/5/33

M.A. Black
Sheffield
29/6/33

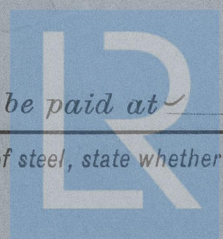
| | CRANK SHAFT. | THRUST SHAFT. | INTERMEDIATE SHAFT. | TUBE SHAFT. |
|----------------------------------|----------------------------|--------------------------|--------------------------------|------------------------|
| | <u>3. Con Rods</u> | <u>3 Piston Rods</u> | | <u>1 Journal</u> |
| | FLYWHEEL SHAFT. | | | CORE SHAFT. |
| Material* ... | <u>Siemens</u> | | <u>Steel</u> | |
| How made ... | | <u>Forged</u> | | |
| Annealed ... | | <u>Yes</u> | | |
| Dimensions, Forgings | <u>Dia 4 1/2" - 4 7/8"</u> | <u>Dia 4 1/2"</u> | <u>Dia 8"</u> | <u>Dia 8 1/4"</u> |
| Weight, Castings | | | | |
| Progress on { Inspection } | <u>Black</u> | | <u>Forgings</u> | |
| Tests on Standard Test Pieces. | <u>145</u> | <u>147</u> | <u>149</u> | <u>150</u> |
| Stable Test— | <u>29.4</u> | <u>28.2</u> | <u>30.0</u> | <u>29.0</u> |
| Tons per square inch | | | | |
| Extension per cent ^{3"} | <u>29.0</u> | <u>30.0</u> | <u>31.0</u> | <u>34.0</u> |
| Bending Test— | <u>180° w.f.</u> | <u>180° w.f.</u> | <u>180° w.f.</u> | <u>180° w.f.</u> |
| Angle before fracture | | | | |
| When Inspected | <u>19/5/33</u> | <u>to</u> | <u>25/5/33</u> | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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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Lloyd's Register Foundation

005367-005376-0140

For the information of Surveyors and the Corporation only

Lloyd's Register of Shipping

ENGINE FORGINGS OF CASTING

I have to report that the Forging
of the Robinson type, falling over 6 ft. a Robinson
for the engine No. 1440 was made under the supervision of C. B. Johnson, C. B.
for the ship No. 1440
These have been inspected by me at the shipyard, and found to be as far as can
be seen sound and free from defects. These have been dispatched to

W. Johnson
22/10/03

22/10/03

1 Bar
Robinson type
3 ft 6 in
1440
22/10/03
22/10/03