

For the information of Surveyors and the Committee only.

Received at

Office,

19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 40985. Port Glasgow.)

No. 6434 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs W Beardmore & Co of Airdrie for the Engines No. 572 being constructed by Messrs W Beardmore & Co of Coatbridge 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.

27.10.20

Forgings or Castings.

Lloyd's

No. 6434 body pins  
J.D. pin & ends.

J Dale  
Glasgow

## STRAIGHT SHAFTING.

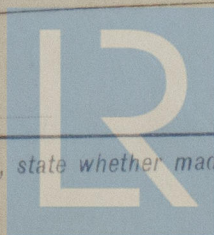
|                     | CRANK SHAFT.                          | STRAIGHT SHAFTING. |                      |                               |
|---------------------|---------------------------------------|--------------------|----------------------|-------------------------------|
|                     |                                       | THRUST SHAFT.      | INTERMEDIATE SHAFTS. | PROPELLER SHAFT.              |
| Material            | <u>Siemens Martin Ingot Steel.</u>    |                    |                      | <u>Siemens Ingot Steel.</u>   |
| Condition           | <u>Forged</u>                         |                    |                      | <u>Forged</u>                 |
| Dimensions          | <u>7 3/8 dia</u>                      | <u>7 3/8 dia</u>   |                      | <u>8 1/4 dia.</u>             |
| Construction        | <u>Forging &amp; rough machining.</u> |                    |                      | <u>Forging &amp; testing.</u> |
| on Standard Pieces. |                                       |                    |                      |                               |
| Test—               | <u>30.8</u>                           | <u>30.4</u>        |                      | <u>30.4</u>                   |
| per square inch     |                                       |                    |                      |                               |
| Extension per cent  | <u>32%</u>                            | <u>33%</u>         |                      | <u>37%</u>                    |
| ending Test—        | <u>180°</u>                           | <u>180</u>         |                      | <u>180</u>                    |
| before fracture     |                                       |                    |                      |                               |
| When Inspected      | <u>3.11.20</u>                        | <u>3.11.20</u>     |                      | <u>3.11.20</u>                |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

|                          | Tens per Sq. In. | Elong % In 2 inches | Revd       |
|--------------------------|------------------|---------------------|------------|
| <u>Connecting rods</u>   | <u>31.2</u>      | <u>35</u>           | <u>180</u> |
| <u>&amp; Piston rods</u> | <u>30.4</u>      | <u>36%</u>          | <u>180</u> |

(if any chargeable) £  
To be paid at

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



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42 ans

Lloyd's Register  
Foundation

2200-LEOIN



# Lloyd's Register of Shipping

Glasgow

## ENGINE FORGINGS

Engine No. 542.  
Boatbridge  
for the ship No. 272  
built up  
by James W. Beardsmore & Co. Ltd. Glasgow

25.10.50

J. Dale  
Glasgow

25.10.50  
J. Dale  
Glasgow

### STRAIGHT SHAFTING

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Forging & rough machining  
7 1/8 dia  
Forging  
8 1/8 dia  
Forging & rough machining

Forging & rough machining  
7 1/8 dia  
Forging  
8 1/8 dia  
Forging & rough machining

30.4  
37.1  
180  
3.11.50

30.4  
37.1  
180  
3.11.50

30.8  
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180  
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Forging & rough machining  
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