

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 4521

ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs Vickers Ltd of Sheffield for the Engines No. 607 being constructed by Messrs G J Grey & Co of Souk Shields 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, Satisfactory

Forgings or Castings.

Lloyd's

No. 1629

W G Hume

Sheffield 16/12/19

| | / CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|-----------------------------------|---------------------------|--------------------|----------------------|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material | <u>Siemens Steel</u> | | | |
| Mode of manufacture | <u>Forged</u> | | | |
| Dimensions | <u>8" dia</u> | | | |
| Surface finish | <u>Finished</u> | | | |
| Conforms to Standard Test Pieces. | | | | |
| Test— | <u>See Below</u> | | | |
| Stress per square inch | | | | |
| Elongation per cent | <u>"</u> | | | |
| Bending Test— | | | | |
| Before fracture | <u>"</u> | | | |
| When Inspected | <u>30/9/19 - 16/12/19</u> | | | |

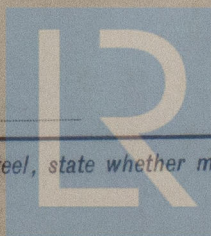
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

| | Tensile | Elongation | Bends |
|---------------|------------------|---------------|-------------|
| Webbs. | <u>31.8 Tons</u> | <u>31.0 %</u> | <u>180°</u> |
| Pins | <u>31.6 "</u> | <u>30.5 "</u> | <u>"</u> |
| Journals. | <u>32.0 "</u> | <u>31.0 "</u> | <u>"</u> |
| Coupling End, | <u>31.0 "</u> | <u>32.5 "</u> | <u>"</u> |

Fee (if any chargeable) £ ✓

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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