

For the information of Surveyors and the Committee only.



Received at

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 8631 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by Messrs A Baird & Son. of Hamilton. for the Engines No. 530 being constructed by Messrs Kincaid & Co. of Greenock 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.

26.5.21

Mark on Forgings or Castings.

| | |
|-----------------|------------|
| Lloyd's | Test No. |
| No. <u>8631</u> | <u>411</u> |
| <u>D.S.</u> | <u>429</u> |

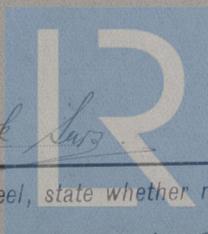
3 Half Bushes.

J Dale
Glasgow

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|---|--------------|--------------------------|----------------------|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* ... | / | <u>Best Steel</u> | / | / |
| How made ... | | <u>Open Hearth.</u> | | |
| Dimensions ... | | <u>Pattern</u> | | |
| Progress on Inspection } | | <u>Completed.</u> | | |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— Tons per square inch | | <u>34.8, 32.2</u> | | |
| Extension per cent | | <u>25% 29%</u> | | |
| Cold Bending Test— Angle before fracture | | <u>180°</u> | | |
| Dates when Inspected | | <u>25.5.21</u> | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ nil
To be paid at _____



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3.1.0
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Foundation

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