

Th. Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 34565 Port GLASGOW)

Order 15245.

No. 18250 ENGINE FORGINGS OR CASTINGS

I have to report that the ~~XXXXXX~~ Steel Forgings ~~XXXXXX~~, as herein described, manufactured by Messrs. Gutehoffnungshütte, A.-V. of Oberhausen for the Engines No. 612 being constructed by Messrs. David Rowan & Co. of Glasgow 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.

1 intermediate shaft, 1 propeller shaft, 1 intermediate shaft.

Mark on Forgings or Castings.

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No. 9213, 9214, 9212.
K.H.12.13.

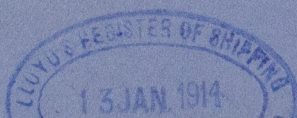
Düsseldorf, 3rd January 1914.

Harb. Haupt

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|---|--------------|--------------------|------------------------------------|-----------------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material* ... | | | annealed Siemens-Martin Ingotsteel | |
| How made ... | | | forged | forged |
| Dimensions ... | | | 14 3/4" diam. | 17 1/2" diam. |
| Progress on { Inspection } | | | rough turned | rough turned |
| Tests on Standard Test Pieces. | | | diameter .798" No. 9214. | diameter .798" No. 9213. |
| Tensile Test— Tons per square inch ... | | | 30.7 | |
| Extension per cent ... | | | 32.8 | |
| Cold Bending Test— Angle before fracture ... | | | 180 degr. good. | 180 degr. good. |
| Dates when Inspected | | | 16, 23, 30/12.1913. | 16, 23, 30/12.1913. |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

No. 9212. 1 intermediate shaft 30.2 tons per square inch 31.5% Elongation in 3"



Fee (if any chargeable) £
To be paid at Düsseldorf.



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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.