

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port **GRIMSBY.**)

No. 7846. ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron ~~or~~ Steel Forgings ~~or~~ Castings, as herein described, manufactured by Gt Central Cast & Forge Co^l of Grimsby for the Engines No. _____ being constructed by _____ of _____ for the Ship No. _____, being built by J. W. Brooke of Lowestoft. have been inspected by me as set forth below, and found to be, so far as can be seen, Satisfactory.

on Forgings or Castings.

B. Ritchie
Grimsby
16-8-18.

Lloyd's
No. 237
G. D. 12-8-18

| | Stern tube CRANK SHAFT. | Propeller THRUST SHAFT. | STRAIGHT SHAFTING. | |
|-------------------------------|---------------------------------------|---------------------------------------|----------------------|-------------------------------|
| | | | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material | Cast iron | Cast iron | | S. M. Steel |
| Make | | 4 blades. | | Forged |
| Dimensions | Push 24" long. | 6-9" dia ^t | | 6" |
| Stress on section | | 8-6 Pitch. | | Forge to finish |
| on Standard test Pieces. | | 18-0 Surface. | | 31.8 tons |
| Test—per square inch | | | | 32% |
| Extension per cent | | | | 180° |
| Enduring Test—before fracture | | | | |
| When Inspected | 10 July, 13 Aug. | 13 August. | | 27 March, 10 July, 13 August. |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Stern shaft fitted with continuous liner full length of stern tube, forced with red lead between bearings and made watertight in propeller boss. J. S. K.

Fee (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.

