

For the information of Surveyors and the Committee only.

Received at _____ Office _____ 19 _____

Lloyd's Register of Shipping.

(Report on Machinery, No. 597 Port Malmö.)

No. 115 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by Messrs. Porsigwerke A.S. of Porsigwerk for the Engines No. 422 being constructed by Kockums Mek. Verkstads A.B. of Malmö. for the Ship No. 143, being built by Kockums Mek. Verkstads A.B. of Malmö 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 thrust shaft, 4 intermediate shafts,
1 propeller shaft.

on Forgings or Castings.

Malmö 16th June, 1924

G. J. J. J. J.
SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.

Lloyd's No. _____
For marks please see below.

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|--------------------------------|-----------------|--------------------|-------------------------|-------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material * ... | / | U.S. Steel | U.S. Steel | U.S. Steel |
| made ... | | Forged | Forged | Forged |
| Dimensions ... | | 248 ^{mm} | 253 ^{mm} | 286 ^{mm} |
| Process on inspection | | Finished | Finished | Finished. |
| Tests on Standard Test Pieces. | | | | |
| Stress Test— | | ✓ | ✓ | ✓ |
| Stress per square inch ... | | ✓ | ✓ | ✓ |
| Elongation per cent ... | | ✓ | ✓ | ✓ |
| Bending Test— | | | | |
| Angle before fracture ... | 20°/5/24 16°/24 | 20°/5 + 16°/1924 | 27°/5, 30°/5 + 16°/1924 | |
| Dates when Inspected | | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

| Thrust shaft | | Intermediate shafts. | | Propeller shaft | |
|--------------|----------------|-----------------------------|-------------------------|-----------------|----------------|
| Lloyd's | LR | Lloyd's | LR | Lloyd's | LR |
| No. 6080 | No. 345 | Nos. 6082, 6083, 6081, 6084 | Nos. 341, 342, 343, 344 | No. 6085 | No. 340 |
| H.K. 21.2.23 | 30.5.24 G.W.J. | H.K. 21.2.23 | 30.5.24 G.W.J. | H.K. 21.2.23 | 30.5.24 G.W.J. |

Fee (if any chargeable) #Kr. 120:—
To be paid at Malmö.

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

19. T. Please see Vienna forging report No. 1250