

For the information of Surveyors and the Committee only.

Received at

Office,

19



Lloyd's Register of Shipping.

Report on Machinery, No. 10380. Port Middleborough

No. 16322 ENGINE FORGINGS OR CASTINGS, S/S Peables

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by John Spencer & Sons Ltd of Newburn for the Engines No 1899 being constructed by Blair & Co. Ltd of Stockton-on-Tees 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

Forgings or Castings.

Lloyd's
No 3981-N
W.C.

W. Campbell
Newcastle

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|--------------------|--------------------------------------|---------------------|--|------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material | <u>Ingot Steel</u> | <u>Ingot Steel</u> | <u>Ingot Steel</u> | |
| Process | <u>Forged</u> | <u>Forged</u> | <u>Forged</u> | |
| Dimensions | <u>1 1/2</u> | <u>1 1/2</u> | <u>1 3/4</u> | |
| Condition | <u>Rough turned</u> | <u>Rough turned</u> | <u>Rough turned</u> | |
| Standard Pieces | | | | |
| Test— | | | | |
| per square inch | <u>31'6. 31'2. 31'8. 31'0. 31'6.</u> | <u>31'2.</u> | <u>31'8. 30'6. 30'0. 31'6. 30'8. 29'8. 30'0.</u> | |
| Reduction per cent | <u>28%. 33%. 29%. 33%. 29%</u> | <u>31%.</u> | <u>27%. 31%. 32%. 34%. 30%. 31%. 32%.</u> | |
| Bending Test— | | | | |
| before fracture | <u>180°. 180°. 180°. 180°. 180°.</u> | <u>180°.</u> | <u>180°. 180°. 180°. 180°. 180°. 180°. 180°.</u> | |
| When Inspected | <u>July 27, To October 17-1918</u> | | | |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Shafting examined while being turned & when finished and found so far as could be seen sound and good. shafts re-stamped

Lloyd's
No 7158
W.M.
with date

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.