

Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No.

Port

No. 7787 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the ~~Iron~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by ~~James Baxter & Co~~ of Motherwell for the Engines No. 806 being constructed by ~~McLellan & Baxter~~ of Glasgow for the Ship No. 92, being built by ~~G. Brown & Co~~ of Greenock have been inspected by me as set forth below, and found to be, so far as can be seen, *Sound*

red. angles, work on Forgings ~~or Castings~~.

Lloyd's

No. 7787

A.F.

Alexander Fletcher

Glasgow. 1/7/1915.

| | CRANK SHAFT. | STRAIGHT SHAFTING. | | |
|--------------------------------|---------------------------------|---------------------------------|----------------------|---------------------------------|
| | | THRUST SHAFT. | INTERMEDIATE SHAFTS. | PROPELLER SHAFT. |
| Material | <i>S. & W. Engine Steel</i> | <i>S. & W. Engine Steel</i> | | <i>S. & W. Engine Steel</i> |
| How made | <i>Forged</i> | | | <i>Forged</i> |
| Dimensions | <i>5 1/4 dia</i> | <i>5 1/4 dia</i> | | <i>5 1/4 dia</i> |
| Progress on Inspection | <i>Forging 90</i> | | | <i>Forging</i> |
| Tests on Standard Test Pieces. | | | | |
| Tensile Test— | | | | |
| Tons per square inch | <i>29-4</i> | <i>28-6</i> | | <i>29-8</i> |
| Extension per cent | <i>30</i> | <i>35</i> | | <i>30</i> |
| Cold Bending Test— | | | | |
| Angle before fracture | <i>180°</i> | <i>180°</i> | | <i>180°</i> |
| Dates when Inspected | <i>2/2/1915</i> | <i>24/6/15 30/6/1915</i> | | <i>17/3/1915</i> |

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ *NIL* (Vessel Classed)

To be paid at

total *Ca*
Weight *40*

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

007688-007697-0215

