

T.S.S. FERNDALE

Advised Sydney NSW

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Vessel No. _____)

Port _____)

No. C.S.48. SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned Iron or Steel Forgings or Castings, manufactured by The Commonwealth Steel Products Ltd. of Newcastle for the Vessel No. 48, being built by The Commonwealth Government of AUSTRALIA have been inspected by me as set forth below and found to be, so far as can be seen, clean sound castings, free from blows, cracks or other defects.

on Forgings or Castings.

Lloyd's R.

No. CS.48.

EMH.25.8.22

*Em Hughes
Act Surveyor.*

STERN FRAME.

RUDDER FRAME.

STEM.

Material* Electric Steel

made Sand moulded castings.

Dimensions 3 pieces 1-23'-3"x10'-6" x 1'-10" 1-17'-11" x 3'-6" x 2'-9" Overall
One set: 1-18'-3"x 2'-6" x 2'-3" Sizes.

Process on Inspection Preliminary inspection of castings ex sand, test pieces pulled & bent, castings slung & hammered, drop tested, stamped

When Inspected 10-8-22, 24-8-22, 25-8-22.

CASTINGS.

Tests on Standard Test Pieces.

Tensile Test—
Tons per square inch Lowest 29. Highest 33.

Extension per cent. Lowest 22. Highest 35.

Cold Bending Test—
Angle before fracture 120° as per rules. Samples bent through 180. No fracture.

Drop Test—
Height from ground Two pieces 8'-0". One piece complex casting, no drop test.

Hammering Test—
If made according to Rules and found satisfactory ... Yes.

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

Stem Frame

Fee (if any chargeable) £ 7 : 7 : 0

To be paid at NEWCASTLE.

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Lloyd's Register
Foundation

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

W591-0131