

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Vessel No. Port)

No. SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned Iron or Steel Forgings or Castings, manufactured by The Broken Hill Prop. Co. 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. 21.6.22.

E. Hughes

Act. Surveyor.

STERN FRAME.

RUDDER FRAME.

STEM.

Material ... Acid open hearth.
made ... Sand moulded casting.
Dimensions ... 15' x 8' x 4'-6" ("A" frames)
Process on Inspection ... Preliminary inspection of castings ex sand, castings slung & hammered, test holes inspected, test pieces pulled & bent.
When Inspected ... 23-5-22, 2-6-22, 14-6-22, 21-6-22.

CASTINGS.

as on Standard Test Pieces.

Tensile Test—

Tons per square inch

Lowest 27.5, Highest 30.7.

Elongation per cent. ...

Lowest 33.5, Highest 34.5.

Bending Test—

Angle before fracture

120° as per rules. Samples bent to 180° no fracture.

Drop Test—

Eight feet from ground ...

Complex casting, no drop test.

Hardening Test—

Made according to Rules and found satisfactory ...

Yes.

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

Spectacle Brackets

Fee (if any chargeable) £ 20 0 0

To be paid at

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

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A.C. Heron

Lloyd's Register

Foundation

WS91-0132

WS91-0135

WS91-0137