

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.

Report on Forgings or Castings.

Lloyd's R
 No. CS, 48.
 EMH. 21.6.22.

Ernest 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.

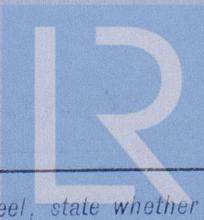
| | |
|--|--|
| Tests on Standard Test Pieces. | |
| Tensile Test— | Lowest 27.5, Highest 30.7. |
| Stress per square inch | |
| Elongation per cent. ... | Lowest 33.5, Highest 34.5. |
| Bending Test— | |
| Angle before fracture | 120° as per rules. Samples bent to 180° no fracture. |
| Drop Test— | |
| Height 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 _____

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A.C. Heron
 Lloyd's Register Foundation
 WS91-0132
 WS91-0135
 WS91-0137

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