

Working pressure by Rules *184 lb* Are the stays drilled at the outer ends *No* Margin stays: Diameter *1 3/4"*
No. of threads per inch *9* Area supported by each stay *3.99 sq in* Working pressure by Rules *182 lb*
Tubes: Material *Lapped iron* External diameter *3"* Thickness *1/4"* No. of threads per inch *9*
Pitch of tubes *4 1/4" x 4 3/16"* Working pressure by Rules *210 lb* Manhole compensation: Size of opening in
shell plate *21 x 17"* Section of compensating ring *8 7/8" x 1 1/2"* No. of rivets and diameter of rivet holes *38 @ 1 1/8"*
Outer row rivet pitch at ends *7 1/2"* Depth of flange if manhole flanged *3 1/2"* Steam Dome: Material *none*
Tensile strength *✓* Thickness of shell *✓* Description of longitudinal joint *✓*
Diameter of rivet holes *✓* Pitch of rivets *✓* Percentage of strength of joint *✓*
Internal diameter *✓* Working pressure by Rules *✓* Thickness of crown *✓* No. and diameter of
stays *✓* Inner radius of crown *✓* Working pressure by Rules *✓*
How connected to shell *✓* Size of doubling plate under dome *✓* Diameter of rivet holes and pitch
of rivets in outer row in dome connection to shell *✓*

Type of Superheater *none*

Manufacturers of

Tubes

Steel castings

Number of elements *✓* Material of tubes *✓* Internal diameter and thickness of tubes *✓*
Material of headers *✓* Tensile strength *✓* Thickness *✓* Can the superheater be shut off and
the boiler be worked separately *✓* Is a safety valve fitted to every part of the superheater which can be shut off from the boiler *✓*
Area of each safety valve *✓* Are the safety valves fitted with easing gear *✓* Working pressure as per
Rules *✓* Pressure to which the safety valves are adjusted *✓* Hydraulic test pressure:
tubes *✓* castings *✓* and after assembly in place *✓* Are drain cocks or valves fitted
to free the superheater from water where necessary *✓*

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with *Yes*

The foregoing is a correct description,
GAMMELL LAIRD AND COMPANY LIMITED.

Manufacturer.

Dates of Survey *During progress of work in shops - -*
while building - During erection on board vessel - -

See Machinery rpt.

Are the approved plans of boiler and superheater forwarded herewith
(If not state date of approval.)

Total No. of visits

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

This boiler has been constructed under special Survey, and is in accordance with the Rules and the approved plans. It has been examined under steam and found satisfactory, and is eligible in my opinion for notation of D.B. 18 lb in Register book.

Survey Fee *£ 8. 3. 0*

When applied for, *22/6/31*

Travelling Expenses (if any) *£*

When received, *8. 7. 1931*

J. D. Milton

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *LIVERPOOL 23 JUNE 1931*

Assigned *See Machinery rpt.*



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Lloyd's Register
Foundation

Rpt. 13.

RE

Date of writing

No. in Su
Reg. Book.

87419

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