

Working pressure by Rules **238 lbs.** Are the stays drilled at the outer ends **No.** Margin stays: Diameter { At turned off part. or Over threads **2 1/8" x 2 1/4"**
No. of threads per inch **9.** Area supported by each stay **11 7/8" x 12 7/8"** Working pressure by Rules **219 lbs.**
Tubes: Material **Lap Welded Iron** External diameter { Plain **3 1/2"** Thickness **5/16" x 3/8"** No. of threads per inch **9.**
Pitch of tubes **4 7/8" x 4 3/4"** Working pressure by Rules **Plain 215 lbs. Stay 210.2 lbs.** Manhole compensation: Size of opening in shell plate **12" x 16"** Section of compensating ring **8" x 1 7/16"** No. of rivets and diameter of rivet holes **28 - 1 7/16"**
Outer row rivet pitch at ends **9 7/8"** Depth of flange if manhole flanged **—** Steam Dome: Material **None fitted**
Tensile strength Thickness of shell Description of longitudinal joint
Diameter of rivet holes Pitch of rivets Percentage of strength of joint { Plate Rivets
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 fitted** 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
to free the superheater from water where necessary

FOR JOHN READHEAD & SONS, LTD.

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

John H. Readhead
The foregoing is a correct description,
CHAIRMAN & MANAGING DIRECTORS

Dates of Survey { During progress of work in shops --
while building { During erection on board vessel --
See Machinery Report

Are the approved plans of boiler and superheater forwarded herewith **Yes.**
(If not state date of approval.)
Total No. of visits

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
These Boilers have been built under Special Survey. Materials & Workmanship are good. Hydraulic tests satisfactory. They have been efficiently installed & fixed in the vessel, examined under steam, & their Safety Valves adjusted.

Survey Fee **1st Entry on Machinery** When applied for. **192**
Travelling Expenses (if any) £ **—** When received. **192**

Ed. Knowles
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **FRI, 18 JUL 1930**
Assigned *See other Rpt- same No.*