



Working pressure by Rules  Are the stays drilled at the outer ends  Margin stays: Diameter  { At turned off part, or Over threads

No. of threads per inch  Area supported by each stay  Working pressure by Rules

**Tubes:** Material  External diameter  { Plain Stay } Thickness  No. of threads per inch

Pitch of tubes  Working pressure by Rules  **Manhole compensation:** Size of opening in shell plate  Section of compensating ring  No. of rivets and diameter of rivet holes

Outer row rivet pitch at ends  Depth of flange if manhole flanged  **Steam Dome:** Material

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 Engine 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**  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

Area of each safety valve  Is a safety valve fitted to every part of the superheater which can be shut off from the boiler

Rules  Are the safety valves fitted with easing gear  Working pressure as per tubes  Pressure to which the safety valves are adjusted  Hydraulic test pressure: 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

The foregoing is a correct description,  Manufacturer.

Dates of Survey  { During progress of work in shops - - - } Are the approved plans of boiler and superheater forwarded herewith (If not state date of approval.)

while building  { During erection on board vessel - - - } **SEE ACCOMPANYING MACHINERY REPORT.** Total No. of visits  19

Is this Boiler a duplicate of a previous case  If so, state Vessel's name and Report No.

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) *These boilers have been efficiently fitted in the vessel, examined under steam and their safety valves adjusted as above. Together with the Engines, they are eligible, in my opinion, to have record in the Register Book as noted in accompanying Report 4.*

*A.L.*  
*12/9/32*

Survey Fee	... .. £	:	:	When applied for,	19
Travelling Expenses (if any)	£	:	:	When received,	19

*J. D. Boyle*  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 13 SEP 1932**

Assigned **SEE ACCOMPANYING MACHINERY REPORT.**

