

Working pressure by Rules 178 Are the stays drilled at the outer ends no Margin stays: Diameter { At turned off part, 1 5/8" or Over threads }
No. of threads per inch 9 Area supported by each stay 1060" Working pressure by Rules 143
Tubes: Material S External diameter { Plain 3" & 1 3/4" Stay 3" Thickness { 10W9. 11W9. 3/8 5/16 } No. of threads per inch 9
Pitch of tubes 4 1/4" x 4 1/8" & 2 3/4" x 2 3/4" Working pressure by Rules 140 Manhole compensation: Size of opening in
shell plate 20 1/2" x 16 1/2" Section of compensating ring 23" x 3 1/4" No. of rivets and diameter of rivet holes 40 @ 7/8"
Outer row rivet pitch at ends 5 5/16" Depth of flange if manhole flanged 3" 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 { 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 Manufacturers of { Tubes Steel forgings 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 forgings and 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

FOR ALEXANDER STEPHEN & SONS, LIMITED,
The foregoing is a correct description.
H. M. Chalmers Manufacturer.

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

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

SEE ACCOMPANYING MACHINERY REPORT.

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

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

The materials and workmanship are good.
The boiler has been constructed under special survey, satisfactorily fitted
in the vessel and its safety valves adjusted under steam.

Survey Fee ... £ 8 : 18 :

Travelling Expenses (if any) £ :

When applied for, 10/11/39.

When received, 17.2.39.

Sh. Davis

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 10 JAN 1939

Assigned

SEE ACCOMPANYING MACHINERY REPORT.



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