

Working pressure by Rules 254 & 253 Are the stays drilled at the outer ends no Margin stays: Diameter { At turned off part, or Over threads 2"
No. of threads per inch 9 Area supported by each stay 98 sq Working pressure by Rules 253
Tubes: Material Iron External diameter { Plain 3" Stay 3" Thickness { 8 W.S. 1/4" 5/16" 3/8" No. of threads per inch 9
Pitch of tubes 4 3/16" x 4 7/8" Working pressure by Rules 250 Manhole compensation: Size of opening in shell plate 19 1/2" x 15 1/2" Section of compensating ring 9 3/4" x 1 5/8" No. of rivets and diameter of rivet holes 34 @ 1 1/16"
Outer row rivet pitch at ends 9 7/8" 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
How connected to shell Inner radius of crown Working pressure by Rules
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 Smoke Tube Manufacturers of { Tubes See nuc bulletin # 1402 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 no Is a safety valve fitted to every part of the superheater which can be shut off from the boiler yes
Area of each safety valve 1.77 sq Are the safety valves fitted with easing gear yes Working pressure as per Rules 227 lb Hydraulic test pressure: tubes, castings and after assembly in place 440 lb Are drain cocks or valves fitted to free the superheater from water where necessary yes
Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with yes

The foregoing is a correct description,
For David Roway & Co. Ltd Manufacturer.
Arch. W. Grierson

Dates of Survey { During progress of work in shops - - - Are the approved plans of boiler and superheater forwarded herewith yes (If not state date of approval.)
while building { During erection on board vessel - - -
SEE ACCOMPANYING MACHINERY REPORT.
Total No. of visits 91

Is this Boiler a duplicate of a previous case yes If so, state Vessel's name and Report No. Harpasa. Gl. Rpt. No. 54172.

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

The materials and workmanship are good

The boilers have been constructed under special survey, satisfactorily fitted in the vessel and their safety valves adjusted under steam.

22/3/34

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

Sch Davis

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 27 MAR 1934 JPH.

Assigned SEE ACCOMPANYING MACHINERY REPORT.



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Rpt. 13.

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Date of writing

No. in S Reg. Book

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