

Working pressure by Rules **184** Are the stays drilled at the outer ends **90** Margin stays: Diameter **1 5/8"** { At turned off part, or Over threads

No. of threads per inch **9** Area supported by each stay **80.3 sq"** Working pressure by Rules **189**

Tubes: Material **Iron** External diameter { Plain } **2 1/2"** Thickness { 9/32" 11/32" } No. of threads per inch **9**

Pitch of tubes **3 3/4" x 3 3/4"** Working pressure by Rules **210** Manhole compensation: Size of opening in shell plate **16 1/2" x 20 1/2"** Section of compensating ring **2 1/4" x 2 7/8" x 1 9/32"** No. of rivets and diameter of rivet holes **38 at 1 5/16"**

Outer row rivet pitch at ends **9 1/4"** Depth of flange if manhole flanged **3 1/4"** 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 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 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**

The foregoing is a correct description,
For **JOHN G. KINCAID & CO. LIMITED.**
W. Gordon-Mitchell Director. Manufacture

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 **✓**

Is this Boiler a duplicate of a previous case **Yes** If so, state Vessel's name and Report No. **M/S Davila Ark Reg. No: 20579**

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) **This boiler has been built under Special Survey, in accordance with the approved plans & the workmanship & material of good quality. Boiler now securely fitted on board.**

This Report accompanies that of the Machinery

Survey Fee **Charged on Machinery Report** } When applied for, 19
Travelling Expenses (if any) _____ } When received, 19

W. Gordon-Mitchell
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 16 AUG 1938**

Assigned **SEE ACCOMPANYING MACHINERY REPORT.**



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