

Working pressure by Rules 153 ✓ Are the stays drilled at the outer ends 870 Margin stays: Diameter { At turned off part, 1 5/8"
 No. of threads per inch 9 ✓ Area supported by each stay 90.45 sq in Working pressure by Rules 167 ✓
 Tubes: Material Iron ✓ External diameter { Plain 23 1/4" Thickness { 5/16" No. of threads per inch 9 ✓
 Pitch of tubes 4" x 4" ✓ Working pressure by Rules 163 ✓ Manhole compensation: Size of opening in
 shell plate 16" x 20" ✓ Section of compensating ring 2.8 1/2" x 2.4 1/2" x 1 1/8" No. of rivets and diameter of rivet holes 38 at 1 1/8"
 Outer row rivet pitch at ends 8 ✓ Depth of flange if manhole flanged 3 1/4" ✓ Steam Dome: Material Iron ✓
 Tensile strength 508 Thickness of shell 5/16" Description of longitudinal joint Butt
 Diameter of rivet holes 3/16" Pitch of rivets 4" Percentage of strength of joint { Plates 100
 Internal diameter 20" Working pressure by Rules 163 ✓ Thickness of crown 5/16" No. and diameter of
 stays 8 Inner radius of crown 10" Working pressure by Rules 163 ✓
 How connected to shell By 8 rivets Size of doubling plate under dome 16" x 20" Diameter of rivet holes and pitch
 of rivets in outer row in dome connection to shell 3/16" x 4"

Type of Superheater Water tube Manufacturers of { Tubes W. G. R. Co.
 Number of elements 1 Material of tubes Iron Steel castings W. G. R. Co.
 Material of headers Iron Tensile strength 508 Thickness 5/16" Can the superheater be shut off and
 the boiler be worked separately Yes Is a safety valve fitted to every part of the superheater which can be shut off from the boiler
 Area of each safety valve 1 sq in Are the safety valves fitted with easing gear Yes Working pressure as per
 Rules 163 Pressure to which the safety valves are adjusted 167 Hydraulic test pressure: 200
 tubes 8 castings 8 and after assembly in place 167 Are drain cocks or valves fitted
 to free the superheater from water where necessary Yes
 Have all the requirements of Sections 14 to 23 inclusive for boilers been complied with Yes

The foregoing is a correct description,
 For JOHN G. KINCAID & CO. LIMITED.
 Director. Manufacturer.

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

SEE MACHINERY REPORT

Are the approved plans of boiler forwarded herewith Yes
 (If not state date of approval.)
 Total No. of visits 2

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 are of good quality. It is now securely fitted on board (Boiler duplicate of 1163 "British Resource" Lark Ref. 9. 19303)

Survey Fee charged on Machinery
 Expenses (if any) none

When applied for, 192
 When received, 192

W. G. R. Co. Kincaid

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW 24 MAR 1931

Assigned SEE ACCOMPANYING MACHINERY REPORT



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