

Working pressure by Rules 202 SIDE 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 1170" Working pressure by Rules 211 LBS
Tubes: Material IRON ✓ External diameter { Plain 2½" ✓ Stay 2½" ✓ Thickness { 9/16" ✓ 5/8" ✓ 3/8" ✓ 1/4" ✓ No. of threads per inch 9" ✓
Pitch of tubes 3 5/8" x 3 3/4" ✓ Working pressure by Rules 230 LBS ✓ Manhole compensation: Size of opening in
shell plate 16 x 12" ✓ Section of compensating ring 8" x 1 3/16" ✓ No. of rivets and diameter of rivet holes 28 x 1 1/4" ✓
Outer row rivet pitch at ends 8 9/8" ✓ 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
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 ✓ 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 ✓ 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 23 inclusive for boilers been complied with Yes ✓

The foregoing is a correct description,
FOR GEORGE CLARK LIMITED W.B. Spruce Manufacturer.

Dates of Survey { During progress of work in shops - - - Please see Mch. Rpt. Are the approved plans of boiler and superheater forwarded herewith (If not state date of approval.)
while building { During erection on board vessel - - -
Total No. of visits

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

This boiler has been built under Special Survey & the materials & workmanship are good. On completion it was tested by hydraulic pressure, found sound & tight & afterwards satisfactorily fitted on board the vessel. The boiler is fitted for burning oil fuel F.P. above 150°F & Section 35 of the Rules fully complied with. For notation see machinery report.

Survey Fee ... £ : : When applied for, 192
Travelling Expenses (if any) £ : : When received, 192

Harbottle
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUES. 13 DEC 1927

Assigned

See Mch. rpt. attached



© 2021

Lloyd's Register
Foundation