

Working pressure by Rules 222 lb. Are the stays drilled at the outer ends no Margin stays: Diameter ^{At turned off part.} 2"
 No. of threads per inch 9 Area supported by each stay 1 1/16" x 10 1/4" Working pressure by Rules 220 lb.
 Tubes: Material Steel External diameter ^{Plain} 2 1/2" Thickness ^{Stay} 3/4" 8.4.6. No. of threads per inch 9
 Pitch of tubes 4" x 3 1/16" Working pressure by Rules 234 lb. Manhole compensation: Size of opening
 End 16" x 12" Section of compensating ring — No. of rivets and diameter of rivet holes —
 Outer row rivet pitch at ends — Depth of flange if manhole flanged 3 7/8" 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} —
 Internal diameter — Working pressure by Rules — Thickness of crown — No. and diameter
 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 Combustion Chamber Manufacturers of ^{Tubes} Talbot Steel, Ltd.
 Number of elements 26 Material of tubes S.D. Steel ^{Steel castings} Stewart & Lloyds, Ltd.
 Material of headers S.D. Steel Tensile strength — Thickness 1" 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 yes
 Area of each safety valve 3.14 sq. in. Are the safety valves fitted with easing gear yes Working pressure as per
 Rules 220 lb. Pressure to which the safety valves are adjusted 225 lb. Hydraulic test pressure
 tubes 1500 lb. castings 660 lb. and after assembly in place 500 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 NORTH EASTERN MARINE ENGINEERING CO. (1938) LTD.
 The foregoing is a correct description,

J. H. Smith Manufacture
 RESIDENT MANAGER.

Dates of Survey ^{During progress of} Please see Rpt 4 Are the approved plans of boiler and superheater forwarded herewith
 while ^{work in shops - -} — (If not state date of approval.)
 building ^{During erection on} — board vessel - - - — Total No. of visits —

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

These boilers have been constructed under
Special Survey in accordance with the approved plans,
Secretary's letters and the requirements of the Rules.
Workmanship and materials are good. In recommendation
please see Rpt 4.

J. H. Smith

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

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE 9 JUL 1940

Assigned

See Old. JE 32912



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