

Working pressure by Rules 221 lb. Are the stays drilled at the outer ends no Margin stays: Diameter ^{At turned off part.} 2" _{or} Over threads

No. of threads per inch 9 Area supported by each stay 12 1/8" x 9 1/4" Working pressure by Rules 221 lb.

Tubes: Material Steel External diameter ^{Plain} 2 1/2" Thickness ^{Stay} 8. W. G. 1/2", 7/16", 3/8", 5/16" No. of threads per inch 9

Pitch of tubes 37 8" x 3 3/4" Working pressure by Rules 226 lb. Manhole compensation: Size of opening in End shell plate 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 3/4" 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 —

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

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 22 inclusive for boilers been complied with yes.

THE NORTH EASTERN MARINE ENGINEERING CO. (1988) LTD.
The foregoing is a correct description,
J. H. Sumbet Manufacturer,
RESIDENT MANAGER.

Dates of Survey ^{During progress of work in shops --} Please see Rpt 4 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 constructed under Special Survey in accordance with the approved plans, Secretary's letters and the requirements of the Rules. Workmanship & materials are good. For recommendation see Rpt 4.

Survey Fee £ : : When applied for, 192

Travelling Expenses (if any) £ : : When received, 192

L. R. Home

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 6 JAN 1942

Assigned

See J.C. Mackay report.



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