

Working pressure by Rules 10.5 kg/cm^2 Are the stays drilled at the outer ends *No* ✓ Margin stays: Diameter { At turned off part, $1\frac{1}{2}"$ or Over threads }
 No. of threads per inch 9 ✓ Area supported by each stay ✓ Working pressure by Rules ✓
 Tubes: Material *steel* ✓ External diameter { Plain 76.2 mm ✓ Stay 76.2 mm ✓ Thickness { $N: 9 \text{ L.S.G.}$ ✓ $N: 5 \text{ L.S.G.}$ ✓ No. of threads per inch 11 ✓
 Pitch of tubes 100 mm ✓ Working pressure by Rules 15 kg/cm^2 ✓ Manhole compensation: Size of opening in Reg. Boil. ✓
 shell plate 410 mm diam ✓ Section of compensating ring $390 \times 16 \text{ mm}$ ✓ No. of rivets and diameter of rivet holes $133 \text{ at } 22 \text{ mm}$ ✓
 Outer row rivet pitch at ends 100 mm ✓ Depth of flange if manhole flanged ✓ Steam Dome: Material *S.M. steel* ✓
 Tensile strength $45-51 \text{ kg}$ ✓ Thickness of shell 12 mm ✓ Description of longitudinal joint *Lap joint single riveted* ✓
 Diameter of rivet holes 22 mm ✓ Pitch of rivets 50 mm ✓ Percentage of strength of joint { Plate 56% Rivets 52% ✓
 Internal diameter 800 mm Working pressure by Rules 12.8 kg/cm^2 ✓ Thickness of crown 14 mm ✓ No. and diameter of stays *None* ✓
 Inner radius of crown 610 mm ✓ Working pressure by Rules 25 kg/cm^2 ✓
 How connected to shell *Riveted* ✓ Size of doubling plate under dome 390×16 ✓ Diameter of rivet holes and pitch of rivets in outer row in dome connection to shell 22 mm 80 mm ✓

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: Tested 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,

Dates of Survey { During progress of work in shops - - 1927 22/ 27/ 29/ 30/ 31/ 1/ 2/ 3/ 4/ 5/ 6/ 7/ 8/ 9/ 10/ 11/ 12/ Are the approved plans of boiler and superheater forwarded herewith (If not state date of approval.) ✓
 while building { During erection on board vessel - - - 2/ 3/ 4/ 5/ 6/ 7/ 8/ 9/ 10/ 11/ 12/ On Machinery report Total No. of visits 11

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) *These boilers have been made under special survey, in accordance with the approved plans, Society's Rules and Secretary's letters, tested as required and workmanship good.*

Survey Fee ... *2h Machinery report* When applied for, 192
 Travelling Expenses (if any) £ *report* When received, 192

Committee's Minute *TUES. 21 FEB 1928*
 Assigned *See Rpt. attached*