

Working pressure by Rules $\frac{105}{21.5} \frac{115}{21.5}$ Are the stays drilled at the outer ends *No* ✓ Margin stays: Diameter { At turned off part, $\frac{15}{16}$ ✓
or Over threads $\frac{15}{16}$ ✓
No. of threads per inch $\frac{9}{9}$ ✓ Area supported by each stay $\frac{840}{840}$ ✓ Working pressure by Rules $\frac{115}{21.5}$ ✓
Tubes; Material *SM steel* ✓ External diameter { Plain $\frac{27}{4}$ ✓
Stay $\frac{27}{4}$ ✓ Thickness { $\frac{3}{16}$ - $\frac{9}{16}$ ✓ No. of threads per inch $\frac{9}{9}$ ✓
Pitch of tubes $\frac{4}{4}$ ✓ Working pressure by Rules $\frac{115}{21.5}$ ✓ Manhole compensation: Size of
shell plate $\frac{20}{4} \times \frac{16}{4}$ ✓ Section of compensating ring $\frac{84}{4} \times \frac{11}{8}$ ✓ No. of rivets and diameter of rivet holes $\frac{42}{42}$ ✓
Outer row rivet pitch at ends $\frac{7}{7}$ ✓ Depth of flange if manhole flanged $\frac{3}{2}$ ✓ 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
stays *✓* Inner radius of crown *✓* Working pressure by Rules *✓*
How connected to shell *✓* Size of doubling plate under dome *✓* Diameter of rivet holes
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 sh
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 pressu
Rules *✓* Pressure to which the safety valves are adjusted *✓* Hydraulic test
tubes *✓*, castings *✓* and after assembly in place *✓* Are drain cocks or cal
to free the superheater from water where necessary *✓*

Have all the requirements of Sections 14 to 23 inclusive for boilers been complied with *✓*

The foregoing is a correct description,

Dates of Survey { During progress of $\frac{5}{13}$ $\frac{6}{14}$ $\frac{20}{14}$ $\frac{10}{14}$ $\frac{19}{14}$ $\frac{22}{14}$ $\frac{24}{14}$ $\frac{30}{14}$ $\frac{7}{14}$ $\frac{11}{14}$ $\frac{20}{14}$ $\frac{21}{14}$ $\frac{31}{14}$ $\frac{6}{14}$ ✓ the approved plans of boiler and superheater forwarded herewith *✓*
(If not state date of approval) $\frac{24}{24}$ $\frac{11}{11}$ $\frac{23}{23}$ ✓
while building { During erection on $\frac{22}{14}$ $\frac{5}{15}$ $\frac{20}{15}$ ✓
board vessel *✓* Total No. of visits $\frac{16}{16}$ ✓

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

*These boilers have been built under special survey mate
tested as required and workmanship good, tested by hydro
pressure as required by the Rules and found sound & fit*

Survey Fee ... *See* : When applied for, 192

Travelling Expenses (if any) *None* : When received, 192

Committee's Minute **FRI 27 JUN 1924**

Assigned



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