



Working pressure by Rules  Are the stays drilled at the outer ends  Margin stays: Diameter <sup>At turned off part,</sup>  <sub>or</sub>  <sup>Over threads</sup>

No. of threads per inch  Area supported by each stay  Working pressure by Rules

Tubes: Material S External diameter <sup>Plain</sup> } 2 1/2" <sup>Stay</sup> } Thickness 3/8 5/16 No. of threads per inch 9

Pitch of tubes 33 1/4" x 33 1/4" Working pressure by Rules 187 Manhole compensation: Size of opening in shell plate 16 1/2 x 20 1/2" Section of compensating ring 2-10 1/2 x 2-6 1/2 x 1/16" No. of rivets and diameter of rivet holes 38 at 1 1/4"

Outer row rivet pitch at ends 8" Depth of flange if manhole flanged 3 1/2" Steam Dome: Material \_\_\_\_\_

Tensile strength \_\_\_\_\_ Thickness of shell \_\_\_\_\_ Description of longitudinal joint \_\_\_\_\_

Diameter of rivet holes \_\_\_\_\_ Pitch of rivets \_\_\_\_\_ Percentage of strength of joint <sup>Plate</sup> <sub>Rivets</sub> \_\_\_\_\_

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 <sup>Tubes</sup> \_\_\_\_\_ <sub>Steel castings</sub> \_\_\_\_\_

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 \_\_\_\_\_

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 \_\_\_\_\_

The foregoing is a correct description,  
 For JOHN G. KINGALD & CO. LIMITED.  
*John G. Kingald* Director. Manufacturer.

Dates of Survey <sup>During progress of work in shops - -</sup> <sub>while building</sub> <sup>During erection on board vessel - - -</sup>  SEE MACHINERY REPORT.

Are the approved plans of boiler and superheater forwarded herewith <sup>(If not state date of approval.)</sup> Yes

Total No. of visits

Is this Boiler a duplicate of a previous case No If so, state Vessel's name and Report No. \_\_\_\_\_

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These Boilers have been built under Special Survey in accordance with the approved plans & the workmanship & material are of good quality. They have now been securely fitted on board. This Report accompanies that of the Machinery

Survey Fee £ charged on Mønstlykt : When applied for, \_\_\_\_\_ 19\_\_\_\_  
 Travelling Expenses (if any) \_\_\_\_\_ : When received, \_\_\_\_\_ 19\_\_\_\_

*W. Gordon-Maclean*  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 5 FEB 1935  
 Assigned See accompanying machinery report

