

# REPORT ON BOILERS.

No. 4243

Received at London Office

MON. 31 OCT. 1921

Date of writing Report 29 September 1921 When handed in at Local Office 5 October 1921 Port of Philadelphia  
 No. in Survey held at East Stroudsburg Pa Date, First Survey 5-2-21 Last Survey 5-8-21 1921  
 Reg. Book. New on the S. S. Aquimex (Number of Visits 3) Tons { Gross 8561.72  
 Net 5322  
 Master \_\_\_\_\_ Built at Lehigh Pa By whom built Sun Shipbuilding Co When built 1921  
 Boiler made at East Stroudsburg By whom made International Boiler Works When made 1921  
 Owners Atlantic Gulf & West India S. S. Lines Port belonging to New York

VERTICAL DONKEY BOILER— No. \_\_\_\_\_ Description Vertical tube Manufacturers of steel Lukens Steel & Iron Co  
 Made at East Stroudsburg By whom made International Boiler Works When made 1921 Where fixed Fore-room Working pressure 125  
 Tested by hydraulic pressure to 184 Date of test 1-3-21 No. of Certificate 511 Fire grate area 4.06 Description of safety valves 2" Spring  
 No. of safety valves 1 Area of each 3.14 Pressure to which they are adjusted 125 If fitted with easing gear Yes If steam from main boilers can  
 enter the donkey boiler No Dia. of donkey boiler 42" Length 4' 0" Material of shell plates Steel Thickness 1/32" Range of tensile  
 strength 60,000 Descrip. of riveting long. seams LAP DR Dia. of rivet holes 1/16" Whether punched or drilled drilled Pitch of rivets 2 1/32"  
 Cap of plating 3/4" Per centage of strength of joint Rivets 73.3 Working pressure of shell by rules 145 Thickness of shell crown plates 1/2"  
 Plates 42.1 Radius of do. \_\_\_\_\_ No. of Stays to do. \_\_\_\_\_ Dia. of stays \_\_\_\_\_ Diameter of furnace Top 36" Bottom 36" Length of furnace 29 3/4"  
 Thickness of furnace plates 3/8" Description of joint LAP SR Working pressure of furnace by rules 131 Thickness of furnace crown  
 plates 7/16" Radius of do. \_\_\_\_\_ Stayed by Tubes Diameter of uptake \_\_\_\_\_ Thickness of uptake plates \_\_\_\_\_  
 Thickness of water tubes \_\_\_\_\_

The foregoing is a correct description,  
*The International Boiler Works Co.* Manufacturer.  
 per *Geo. W. Watts*

Dates of Survey while building { During progress of work in shops - - } 8-2-21 1-3-21 5-8-21  
 { During erection on board vessel - - } \_\_\_\_\_  
 Total No. of visits \_\_\_\_\_

Is the approved plan of boiler forwarded herewith \_\_\_\_\_

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey and in accordance with the approved plan workmanship & material all good  
The boiler has been securely fitted on board and safety valve adjusted under steam pressure

Survey Fee ... .. \$35.00 : } When applied for, Sept 30 1921 <sup>H. K.</sup> attached  
 Travelling Expenses (if any) \$10.00 : } When received, 19.10.21 <sup>See Rpt.</sup>

*J. Davey*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
*J. Adamson*

Committee's Minute New York OCT 11 1921  
 Assigned See Phil. 4243

