

## REPORT ON BOILERS.

Bel 9886  
No. 46785

28 DEC 1927

Date of writing Report *10* When handed in at Local Office *20.6.27* Port of *Glasgow*  
 No. in Reg. Book. *Annan* Date, First Survey *13.5.27* Last Survey *17-6-1927*  
 of the *BOILER No 10422* KING EDWIN. (Number of Visits *7*) Gross *✓* Net *✓*  
 Master *Annan* Built at *BELFAST* By whom built *Harland & Wolff Ltd.* When built *1927*  
 Boilers made at *Annan* By whom made *Messrs Lochran & Co. Annan Ltd.* When made *1927*  
 Owners *King Line Ltd. (Dodd Thomson & Co. Ltd.)* Port belonging to *London*

VERTICAL DONKEY BOILER— No. *ONE* Description *VERTICAL* Manufacturers of steel *J. Colville & Son Ltd*  
 Made at *Annan* By whom made *Colman & Co. Annan Ltd* When made *1927* Where fixed *Working pressure 100 lb*  
 tested by hydraulic pressure to *200 lb* Date of test *17-6-27* No. of Certificate *17463* Fire grate area *75 sq* Description of safety valves *Spring*  
 No. of safety valves *2* Area of each *1.77* Pressure to which they are adjusted *100 lb* If fitted with easing gear *yes* If steam from main boilers can enter the donkey boiler *yes*  
 Dia. of donkey boiler *3'-9"* Length *10'-0"* Material of shell plates *Steel* Thickness *3/8", 3/8", 3/8"* Range of tensile strength *28/32* Descrip. of riveting long. seams *S.P. Lap* Dia. of rivet holes *23/32"* Whether punched or drilled *Drilled* Pitch of rivets *3.141"*  
 Lap of plating *3 3/4"* Per centage of strength of joint *77.7* Rivets *66.4* Working pressure of shell by rules *142.5 lb* Thickness of shell crown plates *15/32"*  
 Radius of do. *3'-2"* No. of Stays to do. *✓* Dia. of stays *✓* Diameter of furnace Top *3'-0"* Bottom *3'-3 1/8"* Length of furnace *2'-10 1/8"*  
 Thickness of furnace plates *15/32"* Description of joint *S.P. Lap, welded* Working pressure of furnace by rules *105.177.5 lb* Thickness of furnace crown plates *1/2"* Radius of do. *23"* Stayed by *Hemispherical* Diameter of uptake *8 1/2" x 13 1/4"* Thickness of uptake plates *1/2"*  
 Thickness of water tube plates *FRONT 2 1/32" BACK 1/2"*

The foregoing is a correct description.

TW LOCHRAN &amp; CO., ANNAN, LIMITED

Manufacturer.

Dates of Survey while building  
 During progress of work in shops - *1927 May 13-20-24-27-31 Jun 10-17*  
 During erection on board vessel - -  
 Total No. of visits *7*

DRAWING No 15696

Is the approved plan of boiler forwarded herewith *Yes.*

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

*This boiler has been built under Survey in accordance with the Rules and approved plan.*  
*Material and workmanship good.*  
*This boiler is to the order of Messrs Harland & Wolff of Belfast, and intended for one of the ships of the King Line.*  
*For classification.*

*This boiler was efficiently installed and fastened on tank top at fore end of engine room. It has two spring loaded safety valves each 1.77 sq area adjusted to lift at 100 lb and fitted with easing gear, adjusting washers 9/16" full.*

R Lee Annan

Belfast 12.27

Survey Fee ... £ *4 : 4* : } When applied for, ... 19  
 Travelling Expenses (if any) £ : : } When received, ... 19

MONTHLY ACCOUNT

Glen. J. Thomas

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
FRI. 30 DEC 1927Committee's Minute *GLASGOW 21 JUN 1927*

Assigned

TRANSMIT TO LONDON

Lloyd's Register Foundation

11247-0016