

REPORT ON BOILERS.

No. 41077

WED. 4 MAY. 1921

Date of writing Report *2 May 21* When handed in at Local Office *3.5.21* Port of *Glasgow*
 No. in Survey held at *Annan* Date, First Survey *18th March* Last Survey *29th April 1921*
 on the *Donkey Boiler No 8473 M/S "EDIBA"* (Number of Visits *7*) Gross *6919* Tons Net *4220*
 Built at *Glasgow* By whom built *Harland & Wolff No 582* When built *1921*
 Boilers made at *Annan* By whom made *Cochran & Co. Annan Ltd* When made *1921*
 Owners *Elder Dempster & Co Ltd.* Port belonging to *London*

VERTICAL DONKEY BOILER— No. *8473* Description *Cochran* Manufacturers of steel *Glasgow & Glasgow & Co*
 Made at *Annan* By whom made *Cochran & Co* When made *1921* Where fixed *Engine Room* Working pressure *100*
 Tested by hydraulic pressure to *200* Date of test *29/4/21* No. of Certificate *15806* Fire grate area *16 3/4 ft* Description of safety valves *Double spring*
 No. of safety valves *2* Area of each *4.9 sq* Pressure to which they are adjusted *103 lb/sq* If steam from main boilers can
 enter the donkey boiler *No* Dia. of donkey boiler *5'-6"* Length *14'-0"* Material of shell plates *Steel* Thickness *1/2"* Range of tensile
 strength *28/32* Descrip. of riveting long. seams *Lap. S. R.* Dia. of rivet holes *23/32* Whether punched or drilled *drilled* Pitch of rivets *2 1/2"*
 Up of plating *3/8* Per centage of strength of joint *Rivets 69. Plates 68.7* Working pressure of shell by rules *106* Thickness of shell crown plates *1/4"*
 Radius of do. *33 ins* No. of Stays to do. *4* Dia. of stays *1"* Diameter of furnace Top Radius *57 ins* Bottom *57 ins* Length of furnace *39 3/4 ins*
 Thickness of furnace plates *1/4"* Description of joint *Riveted* Working pressure of furnace by rules *100* Thickness of furnace crown
 plates *1/2"* Radius of do. *28 1/2 ins* Stayed by *hemispheres* Diameter of uptake *13" x 19 1/2"* Thickness of uptake plates *1/2"*
 Thickness of water tube plates *7/32"* B. *19/32"*

The foregoing is a correct description.

For COCHRAN & CO., ANNAN, LIMITED Manufacturer.

Dates { During progress of work in shops - - } *1921 Mar 18-23 Apr 18-15-22-29*
 of Survey { During erection on board vessel - - }
 while building { Total No. of visits *7* }

Drawing No 11541.

Is the approved plan of boiler forwarded herewith *Yes*

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

The boiler has been built under special survey.
 The workmanship & materials are good.
 This boiler has now been fitted on board the M/S "EDIBA" in an efficient manner, an examination was made of same and no deterioration was found to have taken place, it is now recommended that the boiler have record of 1923.
 Steam was raised and the safety valves adjusted to 103 lb/sq washers 5. 1/32" P. 17/32".

Survey Fee ... £ *14* : *4* :
 Travelling Expenses (if any) £ : :

When applied for, *19*
 When received, *19*

Committee's Minute

GLASGOW 3-MAY 1921

Assigned

TRANSMIT TO LONDON

Engineer Surveyors to Lloyd's Register of British and Foreign Shipping.

GLASGOW 24 APR 1921

See Ser. Rpt. No. 42668

W103-0210

Lloyd's Register Foundation