

## REPORT ON BOILERS.

No. 84833

15 FEB 1956

Date of writing Report 9.2.56 When handed in at Local Office 9.2.56 Port of GLASGOW.  
 No. in Survey held at Annan Date, First Survey 29.9.55 Last Survey 20.1.1956  
 Reg. Book on the (Number of Visits 16)  
 Built at By whom built L. Tas & Co. Amsterdam Yard No. When built  
 Boilers made at Annan By whom made Cochran & Co. Annan, Ltd. Boiler No. 20713 When made  
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. one Description Cochran Manufacturers of steel Colvilles Ltd.,  
 Made at Annan By whom made Cochran & Co. Annan, Ltd. When made 1956 Where fixed Working pressure 100 lb.  
 tested by hydraulic pressure to 200 Date of test 20.1.56 No. of Certificate 24617 Total heating surface of boilers 100 sq. ft. Area of firegrate in  
 each boiler O.F. No. and description of safety valves on each boiler 2 enclosed springs Area of each set of valves per boiler 3.54 sq. in Pressure to which  
 they are adjusted If fitted with easing gear If steam from main boilers can enter the donkey boiler Diameter of boiler 3'-9"  
 Length 10'-0" Material of shell plates steel Thickness 3/8", 13/32" Range of tensile strength 28/32 Description of riveting long.  
 seams D.R. Lap Diameter of rivet holes 23/32" Whether punched or drilled drilled Pitch of rivets 2.24, 2.25, 2.29 Lap of  
 plating 3/4" Thickness of shell crown plates 3/4" Radius of do. 3'-9" No. of stays to do. nil Diameter of stays - Diameter of  
 furnace—Top - Bottom 3'-3 1/4" Length of furnace - Thickness of furnace side plates 1/2" Description of joint welded Thickness  
 of Ogee ring - Thickness of furnace crown plates 1/2" Radius of do. 19" Stayed by hemisphere Diameter of  
 uptake 8 1/2" x 13 3/4" Thickness of uptake plates 1/2" Thickness of tube plates front 11/16" back 17/32" Mean pitch of stay tubes in nest as appvd  
 Pitch in outer vertical rows 7.1/8" Diameter of tube holes FRONT stay 2.11/16 BACK stay 2 1/2  
 External diameter stay 2 1/2 Thickness 11/32 No. of threads per inch 9 Tubes: Material steel  
 plain 2 1/2 Thickness 10 lsg Pitch of Tubes 3 1/2" x 3.9/16"  
 Manhole compensation; Size of opening in crown shell plate 16 x 12 Section of compensating ring flanged 3" No. of rivets and  
 diameter of rivet holes Outer row pitch at ends

For COCHRAN & CO. ANNAN, LTD.  
 The foregoing is a correct description, 14/1.  
 Technical Sales Manager  
 Manufacturer.

Dates of Survey while building  
 During progress of work in shops - 1955 Sep. 29. Oct. 6. 13. 20. 25. Nov. 3. 10. 17. 23. Dec. 8. 15. 22. 29.  
 During erection on board vessel - 1956 Jan. 5. 12. 20.  
 Total No. of visits 16.

Drawing No. 40978A  
 Sent for apprvl. 25.1.56 24/1/56

Is the approved plan of boiler forwarded herewith no  
 retained for further boilers.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been constructed  
 under Special Survey in accordance with the Society's Rules and approved plans.  
 The materials and workmanship are good.

Survey Fee ... £ 10 : - : - } MONTHLY ACCOUNT  
 Travelling Expenses (if any) £ : : } When applied for 19  
 When received 19

Committee's Minute

GLASGOW

14 FEB 1956

Assigned

Transmit to London.

Engineer Surveyor to Lloyd's Register of Shipping.  
 FRIDAY 26 APR 1957

See Rpt. 1.

0140 43 04050 0154

Lloyd's Register  
 Foundation