

REPORT ON BOILERS.

Sld. N^o 34628
Sld. No. 55510

Date of writing Report 9. 3. 1935 When handed in at Local Office 12. 3. 1935 Port of Glasgow
No. in Survey held at Annan Date, First Survey 4. 1. 35 Last Survey 8. 3. 1935
Reg. Book. on the Boiler N^o 12993 M/V "KIRRIEMOOR" (Number of Visits 14) Gross 4580 4970
Master J. M. Built at Dundee By whom built Wm. Hayford & Sons Ltd. When built 1935
Boilers made at Annan By whom made Cochran & Co. (Annan) Ltd. When made 1935
Owners Lord Runciman Shipping Co. Ltd. Port belonging to London.

VERTICAL DONKEY BOILER— No. 1 Description Cochran Manufacturers of steel Bobvilles & Co.
Made at Annan By whom made Cochran & Co. Annan When made 1935 Where fixed room. Working pressure 120
tested by hydraulic pressure to 230 Date of test 8. 3. 35 No. of Certificate 19519 Fire grate area Description of safety valves 2. 2. 1/2
No. of safety valves 2 Area of each 7.06 Pressure to which they are adjusted 120 If fitted with easing gear Yes If steam from main boilers can
enter the donkey boiler Diameter of donkey boiler 8' 0" Length 16' 9" Material of shell plates 8 Thickness 2 1/2" - 1 3/16"
Range of tensile strength 28.32 Description of riveting long. seams J. R. L. Diameter of rivet holes 1 1/2" Whether punched or
drilled drilled Pitch of rivets 3/16", 3/16" Lap of plating 5" Per centage of strength of joint Rivets 66.2 Working pressure of shell by
rules 125.4 Thickness of shell crown plates 1 3/32", 1 1/2" Radius of do. 4' 0" No. of stays to do. none Diameter of stays - Diameter of
furnace—Top Bottom 7' 2" Length of furnace Thickness of furnace side plates 2 3/32" Description of joint Seamless Working
pressure of furnace by rules 144 Thickness of Ogee ring 1 1/2" Working pressure of Ogee ring by rules 124.4 Thickness of furnace
crown plates 2 3/32" Radius of do. 3' 6" Stayed by Hemisphere Diameter of uptake 21 1/2" x 25" Thickness of uptake
plates 9/16" Thickness of tube plates front 1 1/4" back 1 1/4" Mean pitch of stay tubes in nest 9.48, 7.92, 7.5 Pitch in outer vertical rows 6.374, 5.25
Diameter of tube holes FRONT stay 1 1/2" plain 2 1/16" BACK stay 1 1/2" plain 2 Working pressure of tube plates by rules B.P. 196, 196 Tubes: Material 8
External diameter stay 1 1/2" plain 1 13/16" stay 1 1/2" plain 1 1/2" No. of threads per inch 9 Pitch of tubes 3.87 x 3.13, 2 1/8 x 2 5/8
Working pressure by rules 1 1/2" 146 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
ring 28" dia x 3 1/2" No. of rivets and diameter of rivet holes 36 - 1 1/2" Outer row pitch at ends 3.89

FOR COCHRAN & CO., ANNAN, LTD.
The foregoing is a correct description,

W. J. H. W. J. H.
GENERAL WORKS MANAGER

Dates of Survey while building During progress of work in shops - 1935 Jan 4, 8, 15, 18, 22, 25, 29 Feb: 8, 18, 19, 21, 28 Mar Drawing No. 532290
During erection on board vessel - 5. 8
Total No. of visits 14
Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey in accordance with the approved plan and the Society's Rules and requirements the materials and workmanship are good.

The boiler is to the order of Mr. Doreford's Yard N^o 614.

12/3/35 This boiler has now been securely fixed on board the vessel, remained under steam safety valves adjusted working pressure & accumulation test carried out satisfactorily. In recommendation please see Mech. Rep.

W. J. H.

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

MONTHLY ACCOUNT

Jas Cairns
Engineer Surveyor to Lloyd's Register of Shipping.

FRI. 24 MAY 1935

Committee's Minute GLASGOW 19 MAR 1935
Assigned TRANSMIT TO LONDON

Lloyd's Register Foundation