

25 OCT 1924

Slid. No. 28940
Slid. No. 43833

REPORT ON BOILERS.

Received at London 16 JUL 1924

Date of writing Report 11. 7. 24 When handed in at Local Office 11. 7. 24 Port of Glasgow
No. in Survey held at Annan Date, First Survey 15th May Last Survey 11 July 1924
Reg. Book. on the Cochran Boiler No. 9393 M.V. "WESTMOOR" (Number of Visits 9) Tons Gross 4369 Net 2646
Master Built at Sunderland By whom built W. Duxford & Son When built 1924
Boilers made at Annan By whom made Cochran & Co. Annan Ltd. When made 1924
Owners Moor Line Ltd. Port belonging to London

VERTICAL DONKEY BOILER No. 9393 Description Cochran Type Manufacturers of steel I. Colville & Son. STAR. SIDE
Made at Annan By whom made Cochran & Co. Annan Ltd. When made 1924 Where fixed ENG ROOM Working pressure 120 lbs.
Tested by hydraulic pressure to 230 lbs Date of test 11/7/24 No. of Certificate 16584 Fire grate area 41 sq ft Description of safety valves Spring
No. of safety valves 2 Area of each 4.91 sq ft Pressure to which they are adjusted 122 lbs If fitted with easing gear YES If steam from main boilers can enter the donkey boiler
Dia. of donkey boiler 6'6" Length 16'3" Material of shell plates Steel Thickness 17/32" + 21/32" Range of tensile 2766-2823
Strength 28/32 Descrip. of riveting long. seams double lap Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 2864
Lap of plating 4 1/2" Per centage of strength of joint Rivets 71.5 Plates 67.2 Working pressure of shell by rules 124.5 lbs Thickness of shell crown plates 15/32" + 15/16"
Radius of do. 3'3" No. of Stays to do. none Dia. of stays Diameter of furnace Top Spherical bottom 5'6" Length of furnace Sphnd.
Thickness of furnace plates 9/16" Description of joint Seamless Open ring Working pressure of furnace by rules 141 lbs Thickness of furnace crown plates 9/16" open ring Radius of do. 2'9" Stayed by radius Diameter of uptake 15 x 23 Thickness of uptake plates 9/16"
Thickness of water tube plates front 3/32" back 7/8"

The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
W. O. Gray

Dates of Survey { During progress of work in shops - 1924 May 15, 23, 30 June 6, 13, 19, 27 July 4, 11
while building { During erection on board vessel - -
Total No. of visits 9

Drawing No. 13875

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 and the materials tested in accordance with the rules of this Society; the materials and workmanship, as far as can be seen, are sound and good.

This boiler is intended for Messrs. Duxford & Son. Contract No. 584

Annual Survey Request

This Boiler has never been fitted and fixed in the vessel in a satisfactory manner, the oil burning installation has been tried under working condition and found satisfactory.

Left

Survey Fee ... £ 4 : 4 : 0 Monthly account
Travelling Expenses (if any) £ : : : When received, 19

A. Campbell

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

Committee's Minute
Assigned

GLASGOW 15 JUL 1924

TRANSMIT TO LONDON

FRI 31 OCT 1924

TUES 10 NOV 1924

011931-011935-0190