

31 OCT 1928

GLASGOW REPORT No

48537

REPORT ON BOILERS.

No. 148129.

Received at London Office

27 JUN 1928

Date of writing Report 21st June 1928 When handed in at Local Office 21st June 1928 Port of Glasgow
 No. in Survey held at Annan Date, First Survey May 11th Last Survey 20th June 1928
 eg. Book. on the BOILER No 10648 M.O.F. 55A (Number of Visits 4) Tons { Gross
 aster Built at By whom built When built
 oilers made at Annan By whom made Messrs Cochran & Co Annan Ltd When made 1928
 wners Port belonging to

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel D. Colville & Sons, Ltd
 made at Annan By whom made Cochran & Co Annan Ltd When made 1928 Where fixed Working pressure 100
 tested by hydraulic pressure to 200 lb Date of test 20-6-28 No. of Certificate 17934 Fire grate area 2.88 Description of safety valves Single Spring
 No. of safety valves 1 Area of each 3.4 Pressure to which they are adjusted If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler Diameter of donkey boiler 2'-6" Length 5'-6" Material of shell plates Steel Thickness 7/16"
 Range of tensile strength 26.30 Description of riveting long. seams S.R. Lap Diameter of rivet holes 25/32" Whether punched or
 drilled drilled Pitch of rivets 2.005 Lap of plating 2 3/8" Per centage of strength of joint Rivets 48.05% Working pressure of shell by
 rules 151.5 lb Thickness of shell crown plates 5/8" Radius of do. 2'-6" No. of stays to do. ✓ Diameter of stays ✓ Diameter of
 furnace—Top 23 1/2" Bottom 24 3/4" Length of furnace 2'-5" Thickness of furnace side plates 7/16" Description of joint E. WELD SEAM Working
 pressure of furnace by rules 9.304 lb Thickness of Ogee ring ✓ Working pressure of Ogee ring by rules ✓ Thickness of furnace
 crown plates 7/16" Radius of do. 11 3/4" Stayed by Radius Diameter of uptake 6" Thickness of uptake
 plates 3/8" Thickness of tube plates front 7/16" back 7/16" Mean pitch of stay tubes in nest 5 1/2" Pitch in outer vertical rows ✓
 Diameter of tube holes FRONT stay 2 5/16" BACK stay 2 3/4" Working pressure of tube plates by rules F. 118 lb Tubes: Material Wrought iron
 External diameter stay 2 3/4" plain 2 13/16" Thickness stay 1 1/32" plain 2 3/4" No. of threads per inch 9 Pitch of tubes 4" x 3 3/4"
 Working pressure by rules 110 Manhole compensation: Size of opening in shell plate Bolted crown plate Section of compensating
 ring ✓ No. of rivets and diameter of rivet holes ✓ Outer row pitch at ends ✓

The foregoing is a correct description.

THE COCHRAN & CO. ANNAN, LIMITED

Manufacturer.

Drawing No. 16405

Dates of Survey while building
 During progress of work in shops— 1928 May 11, June 1, 20.
 During erection on board vessel—
 Total No. of visits 4

City
 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 survey in accordance with the rules, and approved plan. The workmanship and materials are good.

This boiler is to the order Messrs. Yarrow & Co. Ltd Glasgow, and intended for their No. 1559

Survey Fee ... £ 4-4-0
 Travelling Expenses (if any) £ : :

When applied for ... 19...
 When received ... 19...

G. E. Murdoch.

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW
 Assigned TRANSMIT TO LONDON

26 JUN 1928

See Glasgow Report No 48537

W1099-0107

Lloyd's Register Foundation