

REPORT ON BOILERS.

No. 5384.

4 OCT 1933

Date of writing Report 21-9-33 When handed in at Local Office 2-10-33 Received at London Office 4 OCT 1933
Port of Glasgow
No. in Survey held at Annan Date, First Survey 26 May Last Survey 20-9-1933
Reg. Book. on the Twin & vessel "ISIPINGO." (Number of Visits 10) Tons { Gross 7069.15
Net 4311.63
Master Bank Line Ltd. Built at Belfast By whom built Hortman Clark N.º 530 When built
Boilers made at Annan By whom made Bochran & Co. Annan L.º When made 1933
Nº 12489 Port belonging to Belfast

VERTICAL DONKEY BOILER— No. One Description Bochran Manufacturers of steel Colvilles L.º
Made at Annan By whom made Bochran & Co. L.º When made 1933 Where fixed Forward end of engine room Working pressure 100
tested by hydraulic pressure to 200 Date of test 20-9-33 No. of Certificate 19279 Fire grate area _____ Description of safety valves _____
No. of safety valves 2 Area of each _____ Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can
enter the donkey boiler ✓ Diameter of donkey boiler 5'-6" Length 14'-0" Material of shell plates 8 Thickness 3/16"-1/2"
Range of tensile strength 28-32 Description of riveting long. seams J.R.L. Diameter of rivet holes 26/32" Whether smooth
drilled Yes Pitch of rivets 2-5, 2-554, 2-697" Lap of plating 3 7/8" Per centage of strength of joint 66.6 Working pressure of shell by
rules 117 Thickness of shell crown plates 11/16, 13/32" Radius of do. 2'-9" No. of stays to do. None Diameter of stays ✓ Diameter of
furnace—Top Hemispherical Bottom 4'-9" Length of furnace ✓ Thickness of furnace 1/2" plates 1/2" Description of joint Seamless Working
pressure of furnace by rules 144 Thickness of Ogee ring 11/16" Working pressure of Ogee ring by rules 104 Thickness of furnace
crown plates 1/2" Radius of do. 28 1/2" Stayed by Hemispherical Diameter of uptake 13" x 19 1/2" Thickness of uptake
plates 1/2" Thickness of tube plates front 23/32" back 19/32" Mean pitch of stay tubes in nest 10 1/2" Pitch in outer vertical rows 4"
Diameter of tube holes FRONT stay 2 1/16" plain 2 9/16" BACK stay 2 1/2" plain 2 1/2" Working pressure of tube plates by rules F.104-B.111 Tubes: Material Iron
External diameter stay 2 1/2" plain 2 1/2" Thickness stay 11/32" plain 11 W.D No. of threads per inch 9 Pitch of tubes 4" x 3 1/2"
Working pressure by rules 125 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
ring 28" x 24" x 1/16" No. of rivets and diameter of rivet holes 36 - 25/32" Outer row pitch at ends 3 1/16"

The foregoing is a correct description,
FOR BOCHRAN & CO. ANNAN, LTD.
T. Forster. Manufacturer.

Dates { During progress of work in shops— 1933 May 26, June 1, 6, 28, July 14, 27, 31, Aug 23.
Survey while building { During erection on board vessel— Sept 7, 20
Total No. of visits 10.

General Works Manager 19729

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

It has been forwarded to Belfast for fitting on board.

2/10/33

Survey Fee ... £ 4 7 4 When applied for 19
Travelling Expenses (if any) £ : : When received 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW
Assigned TRANSMIT TO LONDON

Jas. Cairns © 2020
Engineer Surveyor to Lloyd's Register of Shipping.

See Bel L.º 11226

Lloyd's Register Foundation

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