

REPORT ON BOILERS.

No. 59667

Received at London Office APR 27 1938

Rpt. 5e.

Date of writing Report 19 When handed in at Local Office 25:4:38 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 16:12:37 Last Survey 20-4-1938
 Reg. Book. on the motor tank vessel "MURON" (Number of Visits 16) Gross Tons Net
 Master Built at Slikkerveen By whom built N.V. Scheeps. v/h Doorn. & Van Nijet/ Yard No. 218 When built 1938
 Boilers made at Annan By whom made Cochran & Co Annan Ltd No. 14152 When made 1938
 Owners N.V. Tank reedery "OBO" Port belonging to Rotterdam.

VERTICAL DONKEY BOILER— No. one Description Cochran Manufacturers of steel B. Whittles Ltd
 Made at By whom made When made Where fixed Working pressure 100
 tested by hydraulic pressure to 200 Date of test 20-4-38 No. of Certificate 20168 Fire grate area oil fuel description of safety valves enclosed spring
 No. of safety valves two Area of each 4.9 sq ft Pressure to which they are adjusted 100 lb. If fitted with easing gear yes If steam from main boilers can enter the donkey boiler Diameter of donkey boiler 7-6 Length 16-3 Material of shell plates S Thickness 19/32 21/32
 Range of tensile strength 28-32 Description of riveting long. seams WR Lap Diameter of rivet holes 31/32 Whether punched or drilled Rivets 68.5 Working pressure of shell by plates 7.6
 Pitch of rivets 2-88 2-89 2-91 Lap of plating 4 3/4 Per centage of strength of joint Plates 7.6
 rules 121 Thickness of shell crown plates 29/32 11/32 Radius of do. 3-9 No. of stays to do. Diameter of stays Diameter of furnace—Top Bottom 6-6 Length of furnace Thickness of furnace side plates 9/16 Description of joint seamless Working pressure of furnace by rules 120 Thickness of Ogee ring 29/32 Working pressure of Ogee ring by rules 101 Thickness of furnace crown plates 9/16 Radius of do. 3-3 Stayed by Hemisphere Diameter of uptake 21 1/2 x 25 Thickness of uptake plates 9/16 Thickness of tube plates front 15/16 back 7/8 Mean pitch of stay tubes in nest 12.24 Pitch in outer vertical rows 8
 Diameter of tube holes FRONT stay 2 1/16 plain 2 1/16 BACK stay 2 1/2 plain 2 1/2 Working pressure of tube plates by rules F102 B116 Tubes: Material Hot rolled acid resistant steel
 External diameter stay 2 1/2 plain 2 1/2 Thickness stay 10 L S S plain 1/2 No. of threads per inch 9 Pitch of tubes 4 x 3 9/16
 Working pressure by rules 175 Manhole compensation: Size of opening in shell plate 16 x 12 Section of compensating ring 2-4 dia x 31/32 No. of rivets and diameter of rivet holes 36 @ 31/32 Outer row pitch at ends 3.9

The foregoing is a correct description.
 FOR COCHRAN & Co., ANNAN, LT.
 W. O. Gray Manufacturer.

Dates During progress of work in shops— 1937 Dec: 16 (1938) Jan: 13-20-25 Feb: 3-9-16-24 Drawing No. E. 36302
 During erection on board vessel— Mar: 3-11-16-24-31 Apr: 8-14-20
 Total No. of visits 16 Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
 The materials and workmanship are good.
 The boiler has been constructed under special survey
 25/4/38.

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

MONTHLY ACCOUNT

Sh. Davis
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 26 APR 1938
 Assigned TRANSMIT TO LONDON

Sec FE weekly reg
 Lloyd's Register Foundation
 16 SEP 1938

If not, state whether, and when, one will be sent? In a Report also sent on the Hull of the Ship? Certificate (if required) to be sent to (The Surveyors are requested not to write on or below the space for Committee's Minute.)

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