

REPORT ON BOILERS.

No. 47919

2 MAY 1928 - 8 APR 1928

of writing Report 28th April 1928 When handed in at Local Office 28th April 1928 Port of Glasgow
 Date, First Survey 9-3-28 Last Survey 27th April 1928
 on the BOILER No. 10782, S.S. STATENDAM
 Built at Belfast & Schiedam By whom built Harland & Wolff, Wilton's Eng. When built
 By whom made Messrs Cochran & Co. Annan Ltd. When made 1928.
 Port belonging to Rotterdam.

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 lb.
 Tested by hydraulic pressure to 200 lb. Date of test 27-4-28 No. of Certificate 17881 Fire grate area 26.75 sq. ft. Description of safety valves Enclosed Spring
 No. of safety valves 2 Area of each 4.908 sq. ft. Pressure to which they are adjusted If fitted with easing gear Yes If steam from main boilers can
 over the donkey boiler No Diameter of donkey boiler 7'-0" Length 17'-0" Material of shell plates Steel Thickness 1/2" 5/8"
 Range of tensile strength 28-32 Description of riveting long. seams D.R. Lap Diameter of rivet holes 27/32" Whether punched or
 drilled Pitch of rivets 2 7/16", 2 6/8", 2 7/32" Lap of plating 4 1/4" Per centage of strength of joint Rivets 65.25% Working pressure of shell by
 105 lb. Thickness of shell crown plates 7/8" 7/16" Radius of do. 3'-6" No. of stays to do. Hemisphere Diameter of stays 1 1/2" Diameter of
 furnace—Top Hemisphere Bottom 6'-0" Length of furnace 3'-11 1/2" Thickness of furnace side plates 7/8" Description of joint Hemisphere Working
 pressure of furnace by rules 122 lb. Thickness of Ogee ring 7/8" Working pressure of Ogee ring by rules 101.2 lb. Thickness of furnace
 crown plates 17/32" Radius of do. 3'-0" Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake
 plates 9/16" Thickness of tube plates front 7/8" back 3/4" Mean pitch of stay tubes in nest 13 1/2" Pitch in outer vertical rows 8"
 Diameter of tube holes FRONT stay 2 1/16" BACK stay 2 1/2" Working pressure of tube plates by rules 102 lb. Tubes: Material Wrought iron
 external diameter stay 2 1/2" plain 2 9/16" Thickness stay 11/32" plain 11/16" No. of threads per inch 9 Pitch of tubes 4" x 3 3/4"
 Working pressure by rules 125 lb. Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
 g 6" x 1 1/16" No. of rivets and diameter of rivet holes 36 off. 27/32" Outer row pitch at ends 4"

The foregoing is a correct description,

For COCHRAN & CO. ANNAN, LIMITED

Walter Beattie Work Manager

Drawing No. 16223.

Dates { During progress of work in shops - 1928 Mar. 9-16-30 Apr. 3-13-20-27
 Survey while building { During erection on board vessel - -
 Total No. of visits 7

Copy
 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 Harland and Wolff Ltd. Belfast and intended for S.S. "Statendam", this vessel being built by Messrs Wilton's Engineering and Shipway Co. Rotterdam.

This boiler has been placed on board in the boiler room, properly fastened and safety valves adjusted under steam to 100 lb. Thickness washers 13 mm.

J. H. Bourse

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

When applied for 19
 When received 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW 1 MAY 1928
 Assigned TRANSMIT TO LONDON

G. E. Murdoch
 Engineer, Surveyor to Lloyd's Register of Shipping.

TUE. 9 APR 1928
 see Minute on
 Rot Rpt 18287

Lloyd's Register
 Foundation

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