

REPORT ON BOILERS.

No. 39689

Date of writing Report 28th Feb 1920 When handed in at Local Office 28/2/20 Port of Glasgow
 No. in Survey held at Aman
 Reg. Book. Donkey Boiler No 8181 Date, First Survey 5/12/19 Last Survey 28 Feb 1920
 on the Beefast (Number of Visits 8) Gross 7445
 Master W. C. Stanley Built at Glasgow By whom built Harland & Wolff No 578 Tons Net 4545
 Boilers made at Aman By whom made Cochran & Co. Aman Ltd. When built 1920
 (Owners) Bibby Bros When made 1920
 Port belonging to Liverpool

VERTICAL DONKEY BOILER No. 8181 Description Cochran Manufacturers of steel. Skanks & Lloyds
 at Aman By whom made Cochran & Co. When made 1920 Where fixed Engine Room Working pressure 100
 by hydraulic pressure to 200 Date of test 27/2/20 No. of Certificate 517 Fire grate area 14 ft Description of safety valves Dead Spring
 of safety valves Two Area of each 3.14 sq ft pressure to which they are adjusted 105 lbs fitted with easing gear Yes steam from main boilers can
 the donkey boiler ✓ Dia. of donkey boiler 5'-3" Length 13'-3" Material of shell plates Steel Thickness 7/16" Range of tensile
 at 25/32 Descrip. of riveting long. seams lap OK Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 2 1/2"
 of plating 3/8" Per centage of strength of joint 67.7 Working pressure of shell by rules 110 Thickness of shell crown plates 13/32"
 us of do. 3 1/2" No. of Stays to do. none Dia. of stays ✓ Diameter of furnace Top Radius 54" Bottom 54" Length of furnace 38 1/2"
 thickness of furnace plates 1/2" Description of joint Riveted Ring Working pressure of furnace by rules 100 Thickness of furnace crown
 Radius of do. 27" Stayed by Spheroid Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 1/2"
 thickness of water tubes plates 7/16" B. 3/16"

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

Dates { During progress of work in shops - 1919 Dec 5 - 1920 Jan 16 22 30 Feb 6 13 20 27
 { During erection on board vessel - 8
 Total No. of visits 8

Drawing No 11919

Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

The boiler has been built under special survey.
 The workmanship and materials are good

Survey request form
 No C1680 attached

This boiler has been satisfactorily fitted on board and its safety valves adjusted under steam to the above pressure.

R. M. Bennett

MONTHLY ACCOUNT

Survey Fee ... £ 2 : 2 : } When applied for, 19
 Travelling Expenses (if any) £ : : } When received, 19

Committee's Minute GLASGOW 2 MAR 1920
 Assigned TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
TUE. SEP. 7 1920

