

REPORT ON BOILERS.

No. 39393

Writing Report 22nd Nov 1919 When handed in at Local Office 24/11/1919 Port of Glasgow
 Survey held at Annan Date, First Survey 31/10/1919 Last Survey 21st Nov 1919
 on the Loukey Boiler No 8165 for S. S. Kildonan
 Built at Annan By whom built Cochran & Co. Annan Ltd When built 1919
 By whom made Cochran & Co. Annan Ltd When made 1919
 Port belonging to

VERTICAL DONKEY BOILER— No. 8165 Description Cochran Manufacturers of steel Glasgow Iron & Steel Co.
 at Annan By whom made Cochran & Co When made 1919 Where fixed Stevedore Working pressure 100
 by hydraulic pressure to 200 Date of test 21/11/19 No. of Certificate 14994 Fire grate area 263 sq ft Description of safety valves Spring loaded
 safety valves 2 Area of each 7.556 Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can
 the donkey boiler No Dia. of donkey boiler 7'-0" Length 14'-0" Material of shell plates Skel Thickness 7/32 Range of tensile
 with 28/32 Descrip. of riveting long. seams Lap & R Dia. of rivet holes 29/32 Whether punched or drilled Drilled Pitch of rivets 2 5/8
 of plating 4 1/2 Per centage of strength of joint Rivets 68.4 Working pressure of shell by rules 108 Thickness of shell crown plates 7/8
 of do. 42 lbs No. of Stays to do. 40 Dia. of stays 1 Diameter of furnace Top Radius Bottom 6'-0" Length of furnace 47 1/4 lbs
 thickness of furnace plates 7/32 7/8 Description of joint Riwel Ring Working pressure of furnace by rules 100 Thickness of furnace crown
 Radius of do. 36 lbs Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16
 thickness of tubes plates 7/8
 B. 3/4
 The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
 W. O. Grey

During progress of 1919 Oct 31. Nov 4. 21.
 work in shops - -
 During erection on
 board vessel - -
 Total No. of visits H.

Drawing No. 9695

Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has not been built under
 special survey. The material however has been tested by one of the Society's Surveyors in
 accordance with the Rules.
 The boiler has been examined inside and outside, and the scantlings checked and found
 to be in accordance with the Rules.
 The workmanship is good and the boiler efficient in every way.
 The boiler is to the order of Messrs J. J. Thornycroft & Co. Southampton, and is stated
 to be for the S. S. "Kildonan"

This boiler has now been repeatedly fitted on board and under steam found tight
 and sound

The safety valves have been adjusted and worked satisfactorily. Ring thickness 7/32 5/16

Survey request form

No. C1640 attached

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

Robert H. Chagot
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 25 NOV 1919 FRI. MAY. 14 1920
 signed TRANSMIT TO LONDON

Lloyd's Register
 Foundation

W1530-0099