

REPORT ON BOILERS.

No. 45207.

9 DEC 1925

Writing Report 4-12-25 10 When handed in at Local Office 5-12-25 Port of Glasgow

Survey held at Annan, Scotland Date, First Survey and Last Survey 27th November 1925.

Book. 74 on the Cochran Boiler No 9282, for Messrs Elliot & Jeffery for S.S. River Taff (Number of Visits One) Gross 2126 Tons Net 1311

Built at Grangemouth By whom built Grangemouth Works When built 191-9

made at Annan, Scotland By whom made Messrs Cochran & Co Annan Ltd When made 1925

Port belonging to Cardiff

VERTICAL DONKEY BOILER— No. One Description Cochran type Manufacturers of steel D. Colville & Sons Ltd

at Annan By whom made Cochran & Co Annan Ltd When made 1925 Where fixed in Stokehold Working pressure 100 lbs

by hydraulic pressure to 200 lbs Date of test 27/11/25 No. of Certificate 16986 Fire grate area 26 3/4 Description of safety valves Spring loaded

f safety valves Two Area of each 5.939 Pressure to which they are adjusted 105 lbs If fitted with easing gear Yes If steam from main boilers can

the donkey boiler Two Dia. of donkey boiler 4'-0" Length 14'-0" Material of shell plates steel Thickness 1/2", 5/8", 1/2" Range of tensile 2.684

th 28/32 Descrip. of riveting long. seams D.R.H.P. Dia. of rivet holes 27/32 Whether punched or drilled drilled Pitch of rivets 2.735

of plating 1/4" Per centage of strength of joint Rivets 67.2% Plates 67.5% Working pressure of shell by rules 108 lbs Thickness of shell crown plates 7/16 7/8

ts of do. 3'-6" No. of Stays to do. None Dia. of stays Diameter of furnace Top Hemisphere Bottom 6'-0" Length of furnace 3'-1"

ness of furnace plates 17/32 Description of joint Seamless & Ogee Working pressure of furnace by rules 122 lbs Thickness of furnace crown

17/32 Radius of do. 3'-0" Stayed by Hemisphere Diameter of uptake 15"x23" Thickness of uptake plates 9/16

ness of water tubes plates Front 7/8 Back 3/4

The foregoing is a correct description.

For COCHRAN & CO, ANNAN, LIMITED

Manufacturer.

Drawing No 12718

Copy of Is the approved plan of boiler forwarded herewith Yes

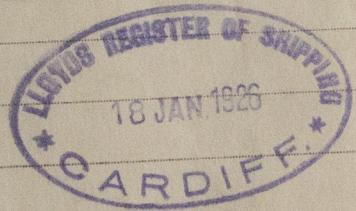
GENERAL REMARKS

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

This boiler, has not been built under special survey, has been examined throughout & the scantlings checked and found in accordance with the Rules and approved plan; the materials used were tested by the Society's Surveyors and the marks on plates checked by the steel plate millers. The boiler was tested by hydraulic pressure to 200 lbs. per sq. inch in my presence on 27th Nov. 1925 with satisfactory results. The boiler is to the order of Messrs Elliot & Jeffery and intended for the S.S. River Taff.

This boiler has now been fitted on board the above mentioned vessel, and properly secured. The safety valves adjusted under steam to pressure stated above.

J. W. Webb



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

When applied for, Monthly account. When received, 19

Committee's Minute GLASGOW 8-DEC 1925 Assigned TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

TUES. 26 JAN 1926

Lloyd's Register Foundation