

REPORT ON BOILERS.

No. 32386.
WED. FEB. 26, 1913

Date of writing Report 21-2-1913 When handed in at Local Office 24-2-1913 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 15-1-13 Last Survey 21-2-1913
 Reg. Book. on the Donkey Boiler for S.S. "Valegarth" (See Raylton Diagram & Co. 1:583 Tons) Gross Not
 Master Built at By whom built When built
 Boiler made at Annan By whom made Cochran & Co. Annan Ltd. When made 1913
 Owners Port belonging to

VERTICAL DONKEY BOILER— No. 6080 Description Cochran Pat.^d Manufacturers of steel Glasgow Iron & Steel Co.
 Made at Annan By whom made Cochran & Co. When made 1913 Where fixed Stokehold Working pressure 100
 tested by hydraulic pressure to 200 Date of test 21-2-13 No. of Certificate 11987 Fire grate area 26.75 Description of safety valves Spring loaded
 No. of safety valves Two Area of each 7" Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler No Dia. of donkey boiler 7-0 Length 14-0 Material of shell plates S Thickness 12-5 Range of tensile
 strength 28-32 Descrip. of riveting long, seams dl Dia. of rivet holes 29-32 Whether punched or drilled d Pitch of rivets 3-03
 Lap of plating 4-2 Per centage of strength of joint Rivets 68-4 Working pressure of shell by rules 108 Thickness of shell crown plates 15-7
 Radius of do. 3-6 No. of Stays to do. None Dia. of stays 1-0 Diameter of furnace Top 3-0 Bottom Length of furnace 3-11 3/4
 Thickness of furnace plates 17-32 Description of joint Hemispherical & R^d Working pressure of furnace by rules 100 Thickness of furnace crown
 plates 17-32 Radius of do. 3-0 Stays by hemispherical Diameter of uptake 15x23 Thickness of uptake plates 16-16
 Thickness of tubes Plate F. 7/8 B. 3/4

The foregoing is a correct description.

FOR COCHRAN & CO. ANNAN, LTD. Manufacturer.

Dates During progress of work in shops— 1913. Jan. 15-24. Feb. 14-21.
 of Survey while building During erection on board vessel— 5.
 Total No. of visits

DIRECTOR

Is the approved plan of boiler forwarded herewith Ju. 9565-

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

The Material & workmanship is good.
 The boiler has been built under special survey.

Survey request form

No. 6828 attached

The Donkey boiler has now been placed on board, and efficiently surveyed, the safety valves adjusted to 100-lb pressure, and thickness of washer noted.

John Robson
 13th August 1913

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

John H. Heck.

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 FRI. AUG. 15. 1913

Committee's Minute GLASGOW 25 FEB. 1913

Assigned Transmit to London.

Lloyd's Register
 Foundation

W499-0276