

REPORT ON BOILERS.

No. 44285

Received at London Office 14 JAN 1925

Date of writing Report 5th Jan 1925 When handed in at Local Office 7.1.25 Port of Glasgow

No. in Survey held at Glasgow Date, First Survey 13.12.1924 Last Survey 29.12.1924

on the Two Starting Air Receivers for Q.S. 4 V. MORANGI (Number of Visits 249) Gross 17491 Tons Net 10733

Boiler Built at Glasgow By whom built The Fairfield S.B. & E. Co. Ltd When built 1924

Boilers made at Glasgow By whom made The Fairfield S.B. & E. Co. Ltd When made 1924

Owners Union S.S. Co. of New Zealand Ltd. Port belonging to London.

L.P. AIR RECEIVER.
VERTICAL DONKEY BOILER No. Two Description Rinted Manufacturers of steel D. Cairns & Son Ltd

Made at Glasgow By whom made The Fairfield S.B. & E. Co. Ltd When made 1924 Where fixed Main E.R. Working pressure 350 lb

Tested by hydraulic pressure to 550 lb Date of test 9.7.23 No. of Certificate 6505 Fire grate area - Description of safety valves Spring loaded

No. of safety valves One Area of each 4.9 sq ft Pressure to which they are adjusted 355 lb If fitted with easing gear - If steam from main boilers can enter the donkey boiler -

Dia. of donkey boiler 70 1/4" Length 17-7 1/4" Material of shell plates S. Thickness 15/16" Range of tensile strength 29/32 T.

Descrip. of riveting long. seams DBS/TR. Dia. of rivet holes 1" Whether punched or drilled D. Pitch of rivets 7 3/16"

Cap of plating - Per centage of strength of joint Rivets 86.2 Plates 86.1 Working pressure of shell by rules 350 lb Thickness of shell plates 1 3/8"

Radius of do. 48" No. of Stays to do Dish Dia. of stays - Diameter of furnace Top - Bottom - Length of furnace -

Thickness of furnace plates - Description of joint - Working pressure of furnace by rules - Thickness of furnace crown plates -

Radius of do. - Stayed by - Diameter of uptake - Thickness of uptake plates -

Thickness of water tubes -

THE FAIRFIELD SHIPBUILDING AND ENGINEERING CO., LIMITED.

Robt. Laith

The foregoing is a correct description.

Manufacturer.

Dates of Survey while building { During progress of work in shops - - -
 { During erection on board vessel - - -
 Total No. of visits 249

See Machinery report attached

Is the approved plan of boiler forwarded herewith Yes

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

The above Air Receivers have been constructed under special survey in accordance with the Rules and approved plan. The materials and workmanship employed in their manufacture are sound and good.

Survey Fee ... £ 8 : 8 : 0 When applied for 26/12/24

Travelling Expenses (if any) £ - : - : - When received 13/3/25

W. Lane-Jacobson
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

GLASGOW 13 JAN 1925

Committee's Minute Assigned See accompanying machinery report



© 2018 Lloyd's Register Foundation