

REPORT ON BOILERS.

No. 39441.

Received at London Office

Date of writing Report 1919 When handed in at Local Office 9/12/1919 Port of Glasgow
 No. in Survey held at Glasgow Date, First Survey 11/4/19 Last Survey 18/6/1919
 Reg. Book. on the Boilers B288 s/s Goodig (Number of Visits 4) Tons } Gross }
 Master Built at Alloa By whom built For the S.S. Guy Bold (No 201) When built
 Engines made at Alloa By whom made Ro When made
 Boilers made at Glasgow By whom made D Rowan & Co (No 13288) When made 1919
 Registered Horse Power Owners Port belonging to

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Steel 6 of Scotland Sta

(Letter for record S) Total Heating Surface of Boilers 21287 Is forced draft fitted No. and Description of

Boilers 2 Single ended Working Pressure 180 lb Tested by hydraulic pressure to 360 lb Date of test 18.6.19

No. of Certificate 14787 Can each boiler be worked separately Area of fire grate in each boiler 337 No. and Description of

safety valves to each boiler Area of each valve Pressure to which they are adjusted

Are they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers 11.0 Length 10.0

Material of shell plates Steel Thickness 5/16 Range of tensile strength 28 to 32 tons Are the shell plates welded or flanged No

Descrip. of riveting: cir. seams 6 Lap long. seams T.R.D.B.S Diameter of rivet holes in long. seams 1" Pitch of rivets 6.781"

Lap of plates or width of butt straps 15" Per centages of strength of longitudinal joint rivets 93.6 Working pressure of shell by

rules 180 Size of manhole in shell 16x12 Size of compensating ring 31x27x15 No. and Description of Furnaces in each

boiler 2 Brighton Material Steel Outside diameter 40" Length of plain part top Thickness of plates crown 1/2"

Description of longitudinal joint weld No. of strengthening rings - Working pressure of furnace by the rules 189 Combustion chamber

plates: Material Steel Thickness: Sides 4/16 Back 5/8 Top 1/16 Bottom 1/16 Pitch of stays to ditto: Sides 9 1/2 x 3/4 Back 9 3/4 x 7/8

Top 9 1/2 x 3/4 If stays are fitted with nuts or riveted heads Nuts Working pressure by rules 182 Material of stays Steel Diameter at

smallest part 1 7/16 Area supported by each stay 74 Working pressure by rules 219 End plates in steam space: Material Steel Thickness 15/16

Pitch of stays 15 x 13 3/4 How are stays secured to nuts Working pressure by rules 190 Material of stays Steel Diameter at smallest part 3.970

Area supported by each stay 207 Working pressure by rules 200 Material of Front plates at bottom Steel Thickness 3/16 Material of

Lower back plate Steel Thickness 25/32 Greatest pitch of stays 13" Working pressure of plate by rules 191 Diameter of tubes 3 1/4"

Pitch of tubes 4 1/2 x 4 3/8 Material of tube plates Steel Thickness: Front 29/32 Back 13/16 Mean pitch of stays 11 1/8" Pitch across wide

water spaces 14" Working pressures by rules 182 Girders to Chamber tops: Material Steel Depth and thickness of

girder at centre 7 1/4 x 3 3/4 (2) Length as per rule 28 1/2" Distance apart 7 3/4" Number and pitch of Stays in each (2) 9 1/2"

Working pressure by rules 181 Superheater or Steam chest: how connected to boiler None Can the superheater be shut off and the boiler worked

separately Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet

holes Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness

If stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed

Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

Survey request form The foregoing is a correct description,

No. 2312 attached David Rowan & Co Ltd Manufacturer.

Dates of Survey During progress of 1919 April - June 3 - 18. Is the approved plan of boiler forwarded herewith Yes

while building During erection on board vessel - - - Total No. of visits 3.

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

These boilers have been built under special survey materials and workmanship are good.

These boilers now securely fitted on board

Survey Fee £ Special Rate When applied for, 191

Travelling Expenses (if any) £ When received, 191

Committee's Minute GLASGOW 16 DEC 1919

Assigned See accompanying machinery report.

Shipping. as Bastrop & W. Gordon Mullen Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Lloyd's Register of British and Foreign Shipping

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