

REPORT ON BOILERS.

No. 50721

Received at London Office

17 SEP 1930

Date of writing Report 19 When handed in at Local Office 13.9.1930 Port of Glasgow
 No. in Survey held at Reg. Book. Glasgow Date, First Survey 6.1.30 Last Survey 5 Sept. 1930
 on the S.S. Côte De Québec (Number of Visits 37) Tons {Gross 1259 Net 467.
 Master Built at Old Kilpatrick By whom built Napier & Miller Ltd. Yard No. 245 When built 1930
 Engines made at Glasgow By whom made McKie & Baxter Ltd. Engine No. 1260 When made 1930
 Boilers made at do. By whom made D. & W. Henderson & Co. Ltd. Boiler No. 17F When made 1930
 Nominal Horse Power 244. Owners Lewis & Clark Company. Port belonging to Glasgow

MULTITUBULAR BOILERS—MAIN, AUXILIARY, OR DONKEY.

See file Report No. 50566.

Manufacturers of Steel (Letter for Record S)

Total Heating Surface of Boilers Is forced draught fitted y/n Coal or Oil fired Coal

No. and Description of Boilers Two Simple End Return Tube Working Pressure 185 lbs

Tested by hydraulic pressure to Date of test 6.3.30: 10.6.30 No. of Certificate 1946 1949 Can each boiler be worked separately y/n

Area of Firegrate in each Boiler No. and Description of safety valves to each boiler 2 direct Spring

Area of each set of valves per boiler {per Rule 6.9" as fitted 4.07" Pressure to which they are adjusted 185 lbs Are they fitted with easing gear y/n

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 Will clear Is oil fuel carried in the double bottom under boilers

Smallest distance between shell of boiler and tank top plating Is the bottom of the boiler insulated y/n

Largest internal dia. of boilers Length Shell plates: Material Tensile strength

Thickness Are the shell plates welded or flanged Description of riveting: circ. seams {end inter.

long. seams Diameter of rivet holes in {circ. seams long. seams Pitch of rivets {

Percentage of strength of circ. end seams {plate rivets Percentage of strength of circ. intermediate seam {plate rivets

Percentage of strength of longitudinal joint {plate rivets combined Working pressure of shell by Rules

Thickness of butt straps {outer inner No. and Description of Furnaces in each Boiler

Material Tensile strength Smallest outside diameter

Length of plain part {top bottom Thickness of plates {crown bottom Description of longitudinal joint

Dimensions of stiffening rings on furnace or c.c. bottom Working pressure of furnace by Rules

End plates in steam space: Material Tensile strength Thickness Pitch of stays

How are stays secured Working pressure by Rules

Tube plates: Material {front back Tensile strength Thickness {

Mean pitch of stay tubes in nests Pitch across wide water spaces Working pressure {front back

Girders to combustion chamber tops: Material Tensile strength Depth and thickness of girder

at centre Length as per Rule Distance apart No. and pitch of stays

in each Working pressure by Rules Combustion chamber plates: Material

Tensile strength Thickness: Sides Back Top Bottom

Pitch of stays to ditto: Sides Back Top Are stays fitted with nuts or riveted over

Working pressure by Rules Front plate at bottom: Material Tensile strength

Thickness Lower back plate: Material Tensile strength Thickness

Pitch of stays at wide water space Are stays fitted with nuts or riveted over

Working Pressure Main stays: Material Tensile strength

Diameter {At body of stay, or Over threads No. of threads per inch Area supported by each stay

Working pressure by Rules Screw stays: Material Tensile strength

Diameter {At turned off part, or Over threads No. of threads per inch Area supported by each stay



