

REPORT ON BOILERS.

No. 3029

Received at London Office FRI. FEB. 22. 1911

of writing Report 21st September 1911 When handed in at Local Office 19 Port of Havre
 in Survey held at Havre Date, First Survey 25th February 1911 Last Survey 15th September 1911
 Book. Cargo-mixte 5^e Mats "France." (Number of Visits 11) Gross 6500
 on the Cargo-mixte 5^e Mats Tons Net
 Built at Bordeaux By whom built Chantiers de la Gironde When built 1911
 By whom made Schneider when made 1911
 By whom made E. Dubus & A. Dupont when made 1911
 Owners M^{rs} Fremont, Leblond & Leroux Port belonging to Rouen

WATER-TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Rheinische Stahlwerk - Ikenau-Anzin

for record (5) Total Heating Surface of Boilers 466.5 sq. feet Is forced draft fitted No. No. and Description of
Cylindrical horizontally Working Pressure 115.7 Tested by hydraulic pressure to 226 Date of test Aug. 22
 of Certificate 86 Can each boiler be worked separately Area of fire grate in each boiler 19 sq. feet No. and Description of
 valves to each boiler 2 with springs, improved valve Area of each valve 1.92 Pressure to which they are adjusted 100 lb
 they fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler
 least distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers 7 feet 3/8 Length 9 feet 2 1/4
 material of shell plates Steel Thickness 19/32 Range of tensile strength 26 to 52 Are the shell plates welded or flanged flanged
 type of riveting: cir. seams double long. seams tabb Diameter of rivet holes in long. seams 0.98 Pitch of rivets 3.51
 width of plates or width of butt straps 6.3/4 Per centages of strength of longitudinal joint rivets 75 Working pressure of shell by
125 lb Size of manhole in shell 15.3/4 Size of compensating ring 190 = 7 1/2 x 5/8 No. and Description of Furnaces in each
one plain Material Steel Outside diameter 38.1/2 Length of plain part 88.1/2 Thickness of plates 0.669
 description of longitudinal joint Welded No. of strengthening rings Working pressure of furnace by the rules 125 lb Combustion chamber
 Material Steel Thickness: Sides 0.55 Back 0.55 Top 0.55 Bottom 0.55 Pitch of stays to ditto: Sides 7 1/8 Back 7 1/8
7 1/2 If stays are fitted with nuts or riveted heads all nutted Working pressure by rules 125 lb Material of stays Steel Diameter at
 smallest part 1.41 Area supported by each stay 28.7 Working pressure by rules 125 lb End plates in steam space: Material Steel Thickness 0.70
 of stays 42.5 How are stays secured Double-nut Working pressure by rules 125 lb Material of stays Steel Diameter at smallest part 1.71
 supported by each stay 48.7 Working pressure by rules 130 lb Material of Front plates at bottom Steel Thickness 0.78 Material of
 or back plate Steel Thickness 0.78 Greatest pitch of stays Working pressure of plate by rules Diameter of tubes 2.3/4
 of tubes 3.3/4 Material of tube plates Steel Thickness: Front 0.78 Back 0.78 Mean pitch of stays 7.1/4 Pitch across wide
 spaces 1.9 Working pressures by rules 130 lb Girders to Chamber tops: Material Steel Depth and thickness of
 or at centre 7.1/8 x 9/16 Length as per rule 21.3/8 19.4 Distance apart 7.1/2 Number and pitch of Stays in each 2. 6.3/4
 Working pressure by rules 130 lb Superheater or Steam chest; how connected to boiler Does not receive flange Can the superheater be shut off and the boiler worked
 separately Diameter 32.1/2 Length 35.7/16 Thickness of shell plates 0.47 Material Steel Description of longitudinal joint Coffin Diam. of rivet
0.88 Pitch of rivets 3.1/8 Working pressure of shell by rules 130 lb Diameter of flue Material of flue plates Thickness
 fitted 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
 E. DUBUS & A. DUPONT
 Ch. Sellmann
 The foregoing is a correct description,
 Manufacturer.

During progress of survey Feb. 25, Mar. 17, Apr. 13, May 5, 15, Jun. 23, July 20 Is the approved plan of boiler forwarded herewith Yes
 work in shops Aug. 4, 22, September 6, 15.
 During erection on board vessel Total No. of visits (11) eleven

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. as secondary letter dated of 8th 23rd December 1910)
This boiler has been specially during the construction, as per approved plan in date of the 8-12-10.
materials used in the construction of this boiler were made by works approved by the Committee
In my opinion it is worth to be classed, when the Safety valves adjusted, after
falling on board.

Survey Fee £ 50.00 : When applied for, 21st September 1911
 Printing Expenses (if any) £ 2.00 : When received, 1911
 H. Cartier
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. DEC. 5-1913
 signed See Minute on Don Rpt 71168

