

REPORT ON BOILERS.

No. 38288
WED.-NOV. 1918

Received at London Office

Report of writing Report 28.10. 1018 When handed in at Local Office 2.11. 1018 Port of Glasgow
No. in Survey held at Glasgow Date, First Survey 5/4/18 Last Survey 15/10/1918
Reg. Book. on the 3 Babcock & Wilcox boilers for the S.S. "War Illiad" No. 22. Tons Gross 6537 Net 4040
Built at Glasgow By whom built British & Co When built 1918.
Engines made at Manchester By whom made Metropolitan Engineers & Co When made 1919
Boilers made at Reyrou By whom made Babcock & Wilcox Ltd. No. 399 When made 1918
Registered Horse Power Owners Port belonging to

WATER TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Colville & Co. Steel & Stewart
for record S Total Heating Surface of Boilers 9636 Is forced draft fitted No. and Description of
3 Babcock & Wilcox Marine Working Pressure 200 Tested by hydraulic pressure to 400 lbs. of test
Certificate Can each boiler be worked separately Area of fire grate in each boiler 853/4 No. and Description of
valves to each boiler Area of each valve Pressure to which they are adjusted
Key fitted with easing gear 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 Internal Steam Drum Mean dia. of boilers 14-0 Length 15-1 1/4
Material of shell plates S Thickness 9/16 to 1/2 Range of tensile strength 28/32 Are the shell plates welded or flanged
Pitch of riveting: cir. seams DR long. seams TR Single AS Diameter of rivet holes in long. seams 29/32 Pitch of rivets 3-53
Plate or width of butt straps 4 1/4 Per centages of strength of longitudinal joint rivets 76-7-9 Working pressure of shell by
238 Size of manhole in shell 15-11 Size of compensating ring 7 1/2 x 10-10 No. and Description of Furnaces in each
Material Outside diameter Length of plain part Thickness of plates crown bottom
Pitch of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber
Material Thickness: Sides Back Top Bottom Pitch of stays to ditto: Sides Back
If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Diameter at
st part Area supported by each stay Working pressure by rules End plates in steam space: Material S Thickness 13/16
of stays How are stays secured Radon Working pressure by rules 240 Material of stays Diameter at smallest part
supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of
Radon S Thickness 17/32 Greatest pitch of stays Working pressure of plate by rules Diameter of tubes 13/16 to 3/16
of tubes 23/4 to 2 1/8 Material of tube plates S Thickness: Front 1/16 Back Mean pitch of stays Pitch across wide
spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of
at centre Length as per rule Distance apart Number and pitch of Stays in each
Working pressure by rules Superheater or Steam chest: how connected to boiler Can the superheater be shut off and the boiler worked
Material Muddum Thickness of shell plates 3/4 Material S Description of longitudinal joint weld Diam. of rivet
Pitch of rivets Working pressure of shell by rules 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

The foregoing is a correct description,

Babcock & Wilcox Limited.

Manufacturer.

2167 attached to S.S. No. 38228.

During progress of work in shops - 1918 April 5-10-12-15-29 May 6-15-17-22-30 June 3-10 Is the approved plan of boiler forwarded herewith Approved plan in London
During erection on board vessel - 12-July 1-3-5-29 Aug 2-26 Sept 1-2 Oct 8-15 Total No. of visits 22

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The Boilers have been built under special survey in accordance with the approved plan & the Rules of the Society. The materials are of quality throughout. The steam drums, sections of tubes & leaders were tested to 400 lbs. The Boilers have been forwarded in section to the Survey Officer at Glasgow & will be again tested after erection on board.

Survey Fee ... £ 31-19-0 When applied for, 1918
Travelling Expenses (if any) £ : : When received, 1918

Engineer, Surveyor to Lloyd's Register of British and Foreign Shipping.
5 NOV 1918
Lloyd's Register Foundation
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