

REPORT ON BOILERS.

No. 39387.

Received at London Office

Writing Report 191 When handed in at Local Office 19/11/19 Port of Glasgow.

Survey held at Renfrew Date, First Survey 10/4/18 Last Survey 4/11/19

Book. Shru Babcock & Wilcox boilers for War Hope! (Standard "N" class) Number of Visits 25

on the now Robilante.

Built at By whom built When built

By whom made When made

By whom made Babcock & Wilcox (410) When made 1919.

Registered Horse Power Owners Port belonging to

ULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Messrs D. Colville & Sons Ltd.

atter for record S Total Heating Surface of Boilers 9636 ft² Is forced draft fitted

lers Shru Babcock & Wilcox Working Pressure 200 Tested by hydraulic pressure

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

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

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

allest distance between boilers or uptakes and bunkers or woodwork

aterial of shell plates Steel Thickness 9/16" & 1 1/16" Range of tensile strength 28/32 Are the shell plates welded or flanged No

scrip. of riveting: cir. seams D.R. Lap long. seams T.R. S.B. Diameter of rivet holes in long. seams 29/32 Pitch of rivets 3.537"

of plates or width of butt straps 7/4" Per centages of strength of longitudinal joint rivets 7/6.4 Working pressure of shell by

es 238 Size of manhole in shell 15" x 11" Size of compensating ring 28 3/4" x 22 1/4" x 7/8" No. and Description of Furnaces in each

ler none Material — Outside diameter — Length of plain part top — Thickness of plates crown —

scription of longitudinal joint — No. of strengthening rings — Working pressure of furnace by the rules — Combustion chamber

ates: Material — Thickness: Sides — Back — Top — Bottom — Pitch of stays to ditto: Sides — Back —

p — If stays are fitted with nuts or riveted heads — Working pressure by rules — Material of stays — Diameter at

allest part — Area supported by each stay — Working pressure by rules — End plates in steam space: Material S Thickness 13/16"

ch of stays — How are stays secured — Working pressure by rules 240 Material of stays — Diameter at smallest part —

rea supported by each stay — Working pressure by rules — Material of Front plates at bottom — Thickness — Material of

headers Steel Thickness 1 1/32" Greatest pitch of stays — Working pressure of plate by rules — Diameter of tubes 13/16" & 3/16"

near back plate Thickness 1 1/32" Material of tube plates — Thickness: Front — Back — Mean pitch of stays — Pitch across wide

itch of tubes 2 3/8" & 2 5/8" Working pressures by rules — Girders to Chamber tops: Material — Depth and thickness of

ater spaces — 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

parately — Diameter — Length — Thickness of shell plates 3/4" Material S Description of longitudinal joint — Diam. of rivet

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

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 —

The foregoing is a correct description, Babcock & Wilcox Limited Manufacturer.

Approved plan in London office.

Dates During progress of 1919 April 10 May 16 22.30 July 5 Aug 26 Sept 12 Oct 11 Dec 11 Is the approved plan of boiler forwarded herewith

of Survey work in shops — 1919 Feb 24 Apr 25 June 18.30 Aug 25 Sept 8.15

while During erection on 22.20 Oct 6.9.13.16.21.27. Nov 11

building board vessel — — — — — Total No. of visits 25

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The boilers have been built under Special Survey in accordance with the approved plans. The workmanship and material are of good quality. The Sections, steam drums and mud drums have been tested as above. The boilers have been erected in Shop and will be tested on board the vessel after completion. They have been despatched to Messrs Richardsons & Co. Ltd. Middlesbrough where they will be fitted on board.

Survey Fee ... £ 36.4.6

Travelling Expenses (if any) £

When applied for, 1919

When received, 1919

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 25 NOV 1919

Assigned TRANSMIT TO LONDON

FRI. AUG. 13 1920

Lloyd's Register Foundation