

REPORT ON BOILERS.

No. 24704

Date of writing Report 10 When handed in at Local Office 20 Jan 1911 Port of Sunderland
 Received at London Office 21 JAN 1911
 No. in Survey held at Sunderland
 Reg. Book. on the "Mediterraneo"
 Master Zarabochia Built at Sunderland By whom built Messrs Wm Doxford & Sons Ltd
 Engines made at Sunderland By whom made Wm Doxford & Sons Ltd
 Boilers made at Sunderland By whom made Wm Doxford & Sons Ltd
 Registered Horse Power when made 1910-11
 Owners &c. Hon. di Nav. a. Vap. Lussino Port belonging to Lussimpiccolo

MULTITUBULAR BOILERS - MAIN, ~~AUXILIARY OR PORTER~~ Manufacturers of Steel Spencer & Sons, Ltd
 (Letter for record) Total Heating Surface of Boilers 1583 Is forced draft fitted No.
 Boilers One single ended Working Pressure 180 lbs Tested by hydraulic pressure to 360 lbs Date of test 6-9-10
 No. of Certificate 2861 Can each boiler be worked separately yes Area of fire grate in each boiler 35.4 sq ft No. and Description of
 safety valves to each boiler 2 - Spring loaded Area of each valve 7.068 sq in Pressure to which they are adjusted 185 lbs
 Are they fitted with easing gear yes 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 2'-9" made Main dia. of boilers 12'-6" Length 10'-9"
 Material of shell plates Steel Thickness 1 1/32 Range of tensile strength 28-32 tons Are the shell plates welded or flanged No
 Descrip. of riveting: cir. seams D.R. long. seams T.R.D.B.S. Diameter of rivet holes in long. seams 1/16" Pitch of rivets 1 3/8"
 Lap of plates or width of butt straps 16 3/8" Per centages of strength of longitudinal joint rivets 86.8 plate 85.6 Working pressure of shell by
 rules 180 lbs Size of manhole in end 16 x 12 Size of compensating ring flanged No. and Description of Furnaces in each
 boiler Two bar. Material Steel Outside diameter 3'-9 3/4" Length of plain part top Thickness of plates crown 3 5/8" bottom 6 1/4"
 Description of longitudinal joint weld No. of strengthening rings Working pressure of furnace by the rules 185 lbs Combustion chamber
 plates: Material Steel Thickness: Sides 2 1/32" Back 1/16" Top 2 1/32" Bottom 3/4" Pitch of stays to ditto: Sides 8 x 10" Back 9 1/2 x 8 3/8"
 Top 9 1/2 x 8 3/8" If stays are fitted with nuts or riveted heads nuts Working pressure by rules 180 lbs Material of stays Steel Area Diameter at
 smallest part 1.43 sq in Area supported by each stay 46.5 sq in Working pressure by rules 180 lbs End plates in steam space: Material Steel Thickness 1 3/8"
 pitch of stays 14 x 19 1/4 How are stays secured D.N. Wash Working pressure by rules 181 lbs Material of stays Steel Area Diameter at smallest part 6.1
 Area supported by each stay 310 Working pressure by rules 184 lbs Material of Front plates at bottom Steel Thickness 1 3/16" Material of
 lower back plate Steel Thickness 1 3/16" Greatest pitch of stays 13 x 9 1/8 Working pressure of plate by rules 181 lbs Diameter of tubes 3 1/4"
 pitch of tubes 14 1/2 x 14 1/2 Material of tube plates Steel Thickness: Front 1 3/32" Back 1 3/16" Mean pitch of stays 11 1/4" Pitch across wide
 water spaces 13 1/4 Working pressures by rules 184 lbs Girders to Chamber tops: Material Steel Depth and thickness of
 order at centre 8 1/4 x 1 1/2 Length as per rule 31 9/16" Distance apart 8 5/8" Number and pitch of Stays in each 2 @ 9 1/2"
 Working pressure by rules 181 lbs Superheater or Steam chest: how connected to boiler 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
 plates 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

WILLIAM DOXFORD & SONS, Limited

Arthur Doxford

The foregoing is a correct description,

Dates During progress of work in shops - - -
 Survey while building - - -
 see Machinery report attached

Manufacturer.
 Is the approved plan of boiler forwarded herewith Yes.
 Total No. of visits

GENERAL REMARKS

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

This Boiler has been built under special survey the materials & workmanship of good quality & the hydraulic test proved satisfactory, it has been evenly fitted on board & its safety valves adjusted under steam to above pressure.

Survey Fee ... £
 Travelling Expenses (if any) £ see attached report
 When applied for, 19
 When received, 19

William Butler

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

TUE. 24 JAN 1911

Committee's Minute
 signed See Minute on Sld Rpt
 24704 attached



Lloyd's Register Foundation