

DONKEY BOILER—

Description

Cylindrical Multib. Single ended

Made of *S. Shields*

By whom made

John Readhead & Sons

When made

1896

Where fixed

on main deck

Working pressure

80 lb

tested by hydraulic pressure to

160 lb

No. of Certificate

4892

Fire grate area

24 ft

Description of safety valves

Spring

No. of safety valves

one

Area of each

12.56

Pressure to which they are adjusted

80 lb

If fitted with easing gear

yes

If steam from main boilers can enter the donkey boiler

no

Diameter of donkey boiler

10-0

Length

9-6

Material of shell plates

Steel

Thickness

5/8"

Description of riveting long. seams

Lap double

Diameter of rivet holes

1 1/16"

Whether punched or drilled

drilled

Pitch of rivets

3 1/2"

Lap of plating

5/8"

Per centage of strength of joint

69.5

Thickness of shell plates

3/4"

Radius of do.

flat

No. of Stays to do.

10

Dia. of stays.

2 1/8"

Diameter of furnace

Top 3-0 Bottom

Length of furnace

Top 6-0 Bottom 8-6

Thickness of furnace plates

Top 1 1/2 Bottom 9/16

Description of

joint

Lap Single

Thickness of

Comb. br. plates 1/2"

Stayed by

1 3/8" stay 8 1/2" pitch

Working pressure of furnace by rules

103 lb

Diameter of

tubes 3 1/4"

Thickness of

plates 1/16"

Thickness of

stay tubes 1/4"

Working pressure of shell by rules

85 lb

SPARE GEAR.

State the articles supplied:—

Propeller shaft, Propeller, 6 Condenser tubes, 6 boiler tubes, 2 Safety Valve springs, 2 packing rings, 2 top end bolts & nuts, 2 bottom end bolts & nuts, 2 main bearing bolts & nuts, Set of coupling bolts & nuts, 2 feed & bilge pump valves, 200 of various sizes, Assorted bolts & nuts

The foregoing is a correct description,

Manufacturer.

General Remarks

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

The Machinery of this vessel has been built under special survey. The materials & workmanship are sound and good and on completion Engines were tried under steam and found satisfactory which renders the vessel eligible in my opinion to have record L.M.C. 10.96 in the Register Book. Howden's system of forced draught fitted

Dates of Survey while building

During progress of work in shops—

During erection on board vessel—

Total No. of visits

It is submitted that this vessel is eligible for THE RECORD. + L.M.C. 10.96 and F.D.

W.S. 24.10.96

R.B. 24/10/96.

Certificate (if required) to be sent to

NEWCASTLE-ON-TYNE

The amount of Entry Fee..

£

2 : 0

:

When applied for,

23.10.96

Special ..

£

33 : 0

:

When received,

7.11.96

Donkey Boiler Fee ..

£

2 : 2

:

Travelling Expenses (if any) £

:

:

J. W. Pitt

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

Committee's Minute

27 OCT 1896

Assigned

+ L.M.C. 10.96

7D



© 2021

Lloyd's Register Foundation