

m No. 93.

Lloyd's Register of British
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

30th April 1894.

The Surveyors,

Sunderland.

Gentlemen,

Herewith ~~we~~ forward particulars
of donkey boiler for mess^r Furness & Co. 1600
4th 200 vessel. 1/2 "Wraggoc".
as requested in your letter of 28th inst.

We are, Sir,

Yours faithfully,

Wm R. Austin

MARK ON BOILER.

No. 746.

LLOYD'S TEST,

160 lbs.

24/1/94. WRA

Length of plain part

bottom 6-9

Thickness of plates

bottom 1/32

SUNDERLAND DONKEY BOILER.

No 14398

Description Vertical with 4 rows water tubes

Made at Stockton By whom made J. Luaron 604 L^o

When made 28/1/94 Where fixed

Working pressure 80 lbs. tested by hydraulic pressure to 160 lbs.

No. of Certificate 746 Fire grate area Description of safety

valves No. of safety valves Area of each

Pressure to which they are adjusted If fitted with casing gear

If steam from main boilers can enter the donkey boiler Dia. of donkey

boiler 7'0" Length 15'0" Material of shell plates Steel

Thickness 1/32 Description of riveting long seams Lap double

Dia. of rivet holes 1/16 Whether punched or drilled punched

Pitch of rivets 2 1/4" Lap of plating 4 1/4" Per centage of strength of

joint Rivets 68.8 Thickness of shell crown plates 9/16 Radius of do.

Plates 70.4

5'9" No. of stays to do 4 Dia. of stays 1 1/2" Dia. of

furnace Top 5'8" Bottom 6'4" Length of furnace 6'3"

Thickness of furnace plates 2 1/32 Description of joint Lap single

Thickness of furnace crown plates 5/8 Stayed by Same as shell crown

Working pressure of shell by rules 83.3 lbs Working pressure of furnace by

rules 80 lbs Dia. of uptake 16" Thickness of uptake plates 7/16

Thickness of water tubes 3/8

SPARE GEAR.

State the articles supplied :-

The foregoing is a correct description,

Manufacturer.

HPL373-0003