

Lloyd's Register of British
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

9th Sept^r 1896

The Surveyors,

Greenock

Gentlemen,

Herewith I forward particulars
of donkey boiler for S^r Rio Affua
(Mess^{rs} J. Kincaid & Co^s 256 Impies)
as requested in your letter of 8th inst.

We are, Sir,

Yours faithfully,

Wm^r R. Austin.

MARK ON BOILER.

No. 1339.

LLOYD'S TEST,

160 lbs.

3/8/96 W.R.A.

S^r Rio Affua.

DONKEY BOILER.

Description *Cylindrical one plain furnace*
Made at *Stockton* By whom made *Riley Bros.*
When made *3/8/96* Where fixed *in dock*
Working pressure *80 lbs* tested by hydraulic pressure to *160 lbs*
No. of Certificate *1339* Fire grate area *76* Description of safety
valves *Direct spring* No. of safety valves *one* Area of each *3.98 sq.*
Pressure to which they are adjusted *80 lbs* fitted with easing gear *yes*
If steam from main boilers can enter the donkey boiler *no* Dia. of donkey
boiler *4' 9"* Length *5' 6"* Material of shell plates *Steel*
Thickness *3/8"* Description of riveting long seams *Lap Double*
Dia. of rivet holes *13/16"* Whether punched or drilled *punched*
Pitch of rivets *2 1/2"* Lap of plating *4 1/2"* Percentage of strength of
joint Rivets *84* End *19* Thickness of shell plates *3/8"* Dia. of
Plates *71* Pitch *no* of stays to do *14 1/2" x 11"* Dia. of stays *1 1/8"* Dia. of
furnace *2' 2"* Length of furnace *4' 3"*
Thickness of furnace plates *3/8"* Description of joint *Welded*
Thickness of *inner crown* plates *15/32"* Stayed by *1 1/8" stays spaced 8" x 4"*
Working pressure of shell by rules *92 lbs* Working pressure of furnace by
rules *115 lbs* Dia. of *take* *5 1/2"* Thickness of *take* plates *1/2"*
Thickness of *stay* tubes *5/16"*

SPARE GEAR.

State the *boiler* supplied: *A plan of the boiler*
is sent herewith

The foregoing is a correct description.

P^ro Riley Bros

John G. Kincaid & Co

Lloyd's Register
Foundation

GRAB35-0185