

No. 93.

Lloyd's Register of British
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

5th August 1893.

The Surveyors,

Sunderland.

Gentlemen,

Herewith I forward particulars
of donkey boiler for Sunderland S.S. Co's
No 144 Vessel
as requested in your letter of 4th inst

We are, Sir

Yours faithfully,

Wm. K. Austin

MARK ON BOILER.

No. 674

LLOYD'S TEST,

160 lbs.
24/6/93 WRA

DONKEY BOILER.

Description *Cylindrical 2 furnaces*
 Made at *Stockton* By whom made *T. Ludron 16 St*
 When made *27/6/93* Where fixed
 Working pressure *80 lbs* tested by hydraulic pressure to *160 lbs*
 No. of Certificate *674* Fire grate area Description of safety
 valves No. of safety valves Area of each
 Pressure to which they are adjusted If fitted with easing gear
 If steam from main boilers can enter the donkey boiler Dia. of donkey
 boiler *9'0"* Length *10'0"* Material of shell plates *Steel*
 Thickness *1/2"* Description of riveting long seams *DRS Double*
 Dia. of rivet holes *13/16"* Whether punched or drilled *Drilled*
 Pitch of rivets *3 3/8"* Lap of plates *DRS 8 1/4"* Per centage of strength of
 joint Rivets *91* Thickness of shell *end 3/4"* Radius of do.
 Plates *45.9* Thickness of furnace plates *1 1/2"* Dia. of stays *2 7/8"* Dia. of
 pitch of stays to do. *18 x 13* Dia. of stays *2 7/8"* Dia. of
 furnace Top *2'10"* Bottom *-* Length of furnace *6'4 1/2 ft*
 Thickness of furnace plates *1 1/2"* Description of joint *DRS S*
 Thickness of furnace *end 1 1/2"* Stayed by *14 stays 9x9 pitch*
 Working pressure of shell by rules *84 lbs* Working pressure of furnace by
 rules *85 1/2 lbs* thickness *3"* Thickness of *tube 5/8"*
 Thickness of water tubes *3/16"*

SPARE GEAR.

State of spare gear supplied:

Plan enclosed

The foregoing is a correct description,

..... Manufacturer.

SLD987-0144