

orm No. 93.

Lloyd's Register of British
and Foreign Shipping,
MIDDLESBROUGH-ON-TEES.

17th November 1896

The Surveyors,

Greenock

Gentlemen,

Herewith I forward particulars
of donkey boiler for Messrs Sinclair
& Co's No. 251.

as requested in your letter of 13th inst.

I am, Gentlemen

Yours faithfully,

Robt Balfour

MARK ON BOILER.

No. 1382

LLOYD'S TEST,

160 lbs.

RB 5.11.96

35" bores,"
DONKEY BOILER.

Description *Cylindrical multi 2 plan furnace*
Made at *Stratton* By whom made *J. Sudron & Co.*
When made *5/11/96* Where fixed *on deck above main boilers.*
Working pressure *80 lbs.* tested by hydraulic pressure to *160 lbs.*
No. of Certificate *1382* Fire grate area *22 sq* Description of safety
valves *Direct spring* No. of safety valves *Two* Area of each *4.9 sq.*
Pressure to which they are adjusted *80 lbs.* If fitted with easing gear *Yes*
If steam from main boilers can enter the donkey boiler *No* Dia. of donkey
boiler *8' 0"* Length *9' 0"* Material of shell plates *steel*
Thickness *15"* Description of riveting long seams *lap treble*
Dia. of rivet holes *13"* Whether punched or drilled *drilled*
Pitch of rivets *3 3/8"* Lap of plating *6 3/8"* Per centage of strength of
Rivets *82 1/2%* *top end* Thickness of *thick* plates *21"* Radius of do.
Plates *76 1/2%* *bottom*
No. of stays to do *4 1/4 off* Dia. of stays *1 1/2"* Dia. of
furnace *Top 23 1/2"* *Bottom 23 1/2"* Length of furnace *7' 7 1/2"*
Thickness of furnace plates *7/16"* Description of joint *welded*
Thickness of *com. bot* furnace crown plates *1/2"* *Back* Stayed by *1 1/2" off. Stays 8 1/2 x 8, riveted*
Working pressure of shell by rules *80 lbs.* Working pressure of furnace by
rules *81 lbs.* *tubes 3"* Thickness of *tube* plates *5/8"*
Thickness of *stay* tubes *7/16"*

SPARE GEAR.

State the articles supplied:—

The foregoing is a correct description,

J. Sudron & Co. Manufacturer.
per J. Sinclair & Co.

GR 4336-0045