

No. 93.

Lloyd's Register of British and Foreign Shipping,

16th October 1894.

The Surveyors,

Greenock.

Gentlemen,

Herewith I forward particulars

of donkey boiler for Messrs Hamilton & Co. 117 1/2

Randall & Blackmore's No 184.

as requested in your letter of 15th Inst.

We are, Sir

Yours faithfully,

Wm R. Austin.

MARK ON BOILER.

No. 919.

LLOYD'S TEST,

130 lbs.

29/94. W.R.A.

DONKEY BOILER.

Description *Cylindrical multi-steam furnace*
Made at *Stockton* By whom made *Riley Bros.*
When made *17/9/94* Where fixed *on deck.*
Working pressure *65 lbs* tested by hydraulic pressure to *130 lbs.*
No. of Certificate *919* Fire grate area *21.6* Description of safety
valves *Direct spring* No. of safety valves *Two* Area of each *5.94 sq.*
Pressure to which they are adjusted *65 lbs* If fitted with easing gear *Yes*
If steam from main boilers can enter the donkey boiler *no* Dia. of donkey
boiler *8'6"* Length *6'6"* Material of shell plates *Steel*
Thickness *15/32"* Description of riveting long seams *Lap double*
Dia. of rivet holes *13/16"* Whether punched or drilled *Drilled*
Pitch of rivets *2 3/4"* Lap of plating *4 1/4"* Per centage of strength of
Rivets *68* to end *1 1/6"*
joint Thickness of shell ~~iron~~ plates *1 1/6"* Radius of do.
Plates *70.4*
pitch of stays to do. *15" x 16 1/2"* Dia. of stays *1 7/8"* Dia. of
furnace Top *30"* Bottom *-* Length of furnace *6'0"*
Thickness of furnace plates *13/32"* Description of joint *Welded*
Thickness of furnace ~~iron~~ plates *Front & Back 5"* Stayed by *-*
Working pressure of shell by rules *67 lbs* Working pressure of furnace by
rules *82 lbs* tubes *3"* Thickness of ~~iron~~ plates *tube 5-8"*
Thickness of water tubes *-*

SPARE GEAR.

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

The foregoing is a correct description,

Randall & Blackmore Manufacturer.

GRK 329-0149