

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. 1145

Rankin & Blackmore's No 184.

as requested in your letter of 15th Inst.

I am,

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: 2 plain furnaces*
 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* Thickness of shell ~~plates~~ *top end 1/16"*
 Plates *70.4* Dia. of do.
 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 ~~plates~~ *front & back 5/8"* Stayed by *-*
 Working pressure of shell by rules *67 lbs* Working pressure of furnace by
 rules *82 lbs* Dia. of ~~water~~ *tubes 3"* Thickness of ~~water~~ *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,
Rankin & Blackmore Manufacturer.

GRK 329-0149