

Register of British & Foreign Shipping.

Sheffield  
20<sup>th</sup> Dec /06

veyors,

Liverpool.

lemen,

Herewith we forward particulars

ry boiler for the Barque  
d "Elgin"

sted in your letter of 19<sup>th</sup> inst

We are,

Yours faithfully,

The Surveyors.  
per. J. H. M.

BOILER.

TEST,

lbs.  
R.F.M.

DONKEY BOILER.

No. and Description *Vertical two tubes No 6413.*  
Made at *Cradley* By whom made *Cradley Boilers Co*  
When made *1906* Where fixed *Middleton Club house*  
Working pressure *100 lbs* tested by hydraulic pressure to *200 lbs*  
No. of Certificate *92* Fire grate area *9.6 sq ft* Description of safety  
valves *spring loaded* No. of safety valves *one* Area of each *3.14 sq in*  
Pressure to which they are adjusted *80 lbs* If fitted with easing gear *yes*  
If steam from main boilers can enter the donkey boiler *yes* Dia. of donkey  
boiler *4'0"* Length *8'6"* Material of shell plates *steel* Range of tensile  
strength *36/30* Thickness *3/8"* Description of riveting long seams *lap. double*  
Dia. of rivet holes *13/16"* Whether punched or drilled *drilled*  
Pitch of rivets *2 1/2"* Lap of plating *4"* Per centage of strength of  
joint Rivets *79.4* Thickness of shell crown plates *1/2"* Radius of do.  
Plates *75.0*  
Dia. of furnace Top *3'2"* Bottom *3'6"* Length of furnace *4'9"*  
Thickness of furnace plates *1/16"* Description of joint *welded*  
Thickness of furnace crown plates *1/32"* Stayed by *radius*  
Working pressure of shell by rules *120 lbs* Working pressure of furnace by  
rules *110 lbs* Dia. of uptake *9"* Thickness of uptake plates *1/16"*  
Thickness of water tubes *3/8"*  
Is the approved plan of Donkey Boiler forwarded herewith?

The foregoing is a correct description,

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Lloyd's Register  
Foundation

LIV594-0163

Material of stays