

Lloyd's Register of British
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

14th Nov^r 1893

The Surveyors,
Sunderland.

Gentlemen,

Herewith ~~the~~ forward particulars
of donkey boiler for the *Shand Slipway*
Coys' No 90 vessel

as requested in your letter of 13th inst.

I am,

Yours,

Yours faithfully,

Wm K. Austin.

MARK ON BOILER.

No. 715

LLOYD'S TEST,

160 lbs.

26/9/93. W.R.A.

SLD989-0007

DONKEY BOILER.

Description *Mercedith patent*
Made at *Stockton* By whom made *Riley Bros.*
When made *26/9/93* Where fixed
Working pressure *80 lbs* tested by hydraulic pressure to *160 lbs*
No. of Certificate *715* 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 *6'0"* Length *13'6"* Material of shell plates *Steel*
Thickness *13/32"* Description of riveting long seams *Lap double*
Dia. of rivet holes *13/16"* Whether punched or drilled *punched*
Pitch of rivets *2 7/8"* Lap of plating *4 1/2"* Per centage of strength of
joint Rivets *41.1* Thickness of shell crown plates *13/32"* Radius of do.
Plates *44*
Sheet No. of stays to do *none* Dia. of stays — Dia. of
furnace Top *4'1"* Bottom *5'3"* Length of furnace *2'3"*
Thickness of furnace plates *9/16"* Description of joint *Lap single*
Thickness of furnace crown plates *1/2"* Stayed by *drilled to 3/4 radius*
Working pressure of shell by rules *82 lbs* Working pressure of furnace by
rules *80 lbs* Dia. of *tubes 2 3/4"* Thickness of *tube 9/16"*
Thickness of *water tubes* *plates 1/2"*
Coner-As *Sharp 1 1/8"* and *8 1/4" x 8 1/2" pitch.*
SPARE GEAR.

State the articles supplied :-

*A sun print of the boiler is sent
herewith.*

The foregoing is a correct description,

Manufactured.