

No. 93.

Lloyd's Register of British
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

3rd August 1893.

The Surveyors,

Lunderland.

Gentlemen,

Herewith I forward particulars
of donkey boiler for Lunderland & B. C. S.
N^o 144 Vessel
as requested in your letter of 4th inst.

We are, Sir,

Yours faithfully,

Wm. K. Austin

MARK ON BOILER.

No. 644

LLOYD'S TEST,

160

lbs.

24/6/93 WRA

DONKEY BOILER.

Description 9' 0" inner 2 furnaces
Made at Stockton By whom made T. Luardon 16th
When made 27/6/93 Where fixed
Working pressure 80 lbs tested by hydraulic pressure to 160 lbs
No. of Certificate 644 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 9' 0" Length 10' 0" Material of shell plates Steel
Thickness 1/2" Description of riveting long seams DRS Double
Dia. of rivet holes 1 3/16" Whether punched or drilled Drilled
Pitch of rivets 3 3/8" Lap of plates 8 1/4" Per centage of strength of
joint Rivets 91 Thickness of shell 2 1/2" Radius of do.
Plates 45.9 Thickness of shell 2 1/2" Radius of do.
pitch of stays to do. 18 x 13 Dia. of stays 2 1/8" Dia. of
furnace Top 2' 10" Bottom - Length of furnace 6' 4 1/2"
Thickness of furnace plates 1 1/2" Description of joint DRS S.
Thickness of furnace 1 1/2" Stayed by 1 1/4" stay 9 x 9 pitch
Working pressure of shell by rules 84 lbs Working pressure of furnace by
rules 85 1/2 lbs tubes 3 Thickness of 1 1/2" tubes 5 1/8"
Thickness of water tubes 3/16"

SPARE GEAR.

State of spare gear applied:-
plan enclosed

The foregoing is a correct description,

Manufacturer.

SLD987-0144