

Whether British or Foreign Built.

Whether a Sailing or Steam Ship; and if a Steam Ship how propelled

Where Built.

When Built.

Name and Address of Builders.

Form No. 93.

Genl report No 13226.

Lloyd's Register of British
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

23rd Nov^r 1890

The Surveyors,

Greenock

Gentlemen,

Herewith we forward particulars
of donkey boiler for 4 met. Bk. "Daylight"
Messrs Russell & Co Sailing Vessel 490
as requested in your letter of 22nd inst

I am

Yours faithfully,

MARK ON BOILER.

No. 2547.

LLOYD'S TEST,

160 lbs.

14-8-07. J.S.

John Sanderson

[Signature]

DONKEY BOILER.

No. and Description *1 Vertical with x tubes*
Made at *Stockton* By whom made *Riley Bros*
When made *14-8-07* Where fixed *on main Bk.*
Working pressure *80 lbs* tested by hydraulic pressure to *160 lbs*
No. of Certificate *2547* ^{about} Fire grate area *20 sq. ft.* Description of safety
valves *Spring loaded* No. of safety valves *2* Area of each *4.91 sq. ins*
Pressure to which they are adjusted *80 lbs.* If fitted with easing gear *Yes.*
If steam from main boilers can enter the donkey boiler *—* Dia. of donkey
boiler *6'0"* Length *9'6"* Material of shell plates *S.* Range of tensile
strength *27* Thickness *13* Description of riveting long seams *d.r. lap*
32 *13* *32*
Dia. of rivet holes *16* Whether punched or drilled *p.*
Pitch of rivets *2 1/16* Lap of plating *4 1/4* Per centage of strength of
joint *78.* Thickness of shell crown plates *1/2"* Radius of do.
Plates *71.*
5 ft. No. of stays to do. *6.* Dia. of stays *1 1/2"* Dia. of
furnace Top *4'10"* Bottom *5'5"* Length of furnace *49"*
Thickness of furnace plates *5/8"* Description of joint *lap s.r.*
Thickness of furnace crown plates *5/8"* Stayed by *as above*
Working pressure of shell by rules *86 lbs.* Working pressure of furnace by
rules *104 lbs.* Dia. of uptake *15* Thickness of uptake plates *7/16*
Thickness of water tubes *3/8"*

Is the approved plan of Donkey Boiler forwarded herewith?
Safety valves adjusted under steam
The foregoing is a correct description, *R. Elliott*
(date rate 2/1/02.) *3/12/01.*

068186-008200-0329