

Form No. 93.

*S. S. "Zambesi"*  
*Sunderland.* *N<sup>o</sup> 20415*  
 Lloyd's Register of British

and Foreign Shipping,  
 MIDDLESBROUGH-ON-TEES.

*19<sup>th</sup> January 1901.*

The Surveyors,

*Sunderland*

Gentlemen,

Herewith we forward particulars  
 of donkey boiler for *S. S. Zambesi.* -  
*Bartram House 181 S.S.*

as requested in your letter of *18<sup>th</sup> inst*

*I am*

Yours faithfully,

MARK ON BOILER.

No. *2372*

LLOYD'S TEST,

*360 lbs.*  
*21.12.00 R.F.*

*John Sanderson*

*S. S. Zambesi.* -

DONKEY BOILER.

No. and Description

*1 Murediths Patent*

Made at

*Slackton* By whom made *Ailey Bros*

When made

*21.12.00* Where fixed

Working pressure

*180 lbs*

tested by hydraulic pressure to *360 lbs*

No. of Certificate

*2372*

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

*4'9"* Length *16'0"*

Material of shell plates

*9.*

Range of tensile

strength

*27*

Thickness

*3"*

Description of riveting long seams

*d. butt str.*

Dia. of rivet holes

*32*

Whether punched or drilled

*dr.*

Pitch of rivets

*4 1/2"*

Lap of plating

*13" butt str.*

Per centage of strength of

joint

*96.7*

Thickness of shell crown plates

*23"*

Radius of do.

Plates

*86.6*

Thickness of shell crown plates

*32*

Radius of do.

*Conical*

No. of stays to do.

*4*

Dia. of stays

Dia. of

furnace Top

*4'9"*

Bottom

*6'2"*

Length of furnace

*2'6"*

Thickness of furnace plates

*3/4"*

Description of joint

*lap*

Thickness of furnace crown plates

*3/4"*

Stayed by

*drilled*

Working pressure of shell by rules

*195 lbs*

Working pressure of furnace by

rules

*180 lbs*

Dia. of tubes

*3"*

Thickness of tubes

*FI & dd. w.w. sp.*

Thickness of water tubes

*2 1/16"*

Is the approved plan of Donkey Boiler forwarded herewith?

The foregoing is a correct description.

Manufacturer.

Lloyd's Register  
 Foundation

W431-0109