

S. S. "Hawkwood"

Form No. 93.

Sunderland. No 19931.

Lloyd's Register of British  
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

31<sup>st</sup> October 1899

The Surveyors,

Sunderland

Gentlemen,

Herewith we forward particulars  
of donkey boiler for S.S. Hawkwood  
J. Blumer No 8-152.  
as requested in your letter of 30<sup>th</sup> inst.

I am

Yours faithfully,

MARK ON BOILER.

No. 2056.

LLOYD'S TEST,

160 lbs.  
269.99. J.S.

John Sanderson

DONKEY BOILER.

Description Vertical with x tubes

Made at Stockton By whom made Sudron & Co L<sup>rs</sup>

When made 26999 Where fixed

Working pressure 80 lbs tested by hydraulic pressure to 160 lbs

No. of Certificate 2056 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 5'-0" Length 10'-0" Material of shell plates S. 27-32 ton

Thickness 3/8" Description of riveting long seams d. r. lap

Dia. of rivet holes 13/16" Whether punched or drilled p.

Pitch of rivets 2 3/4" Lap of plating 4 1/2" Per centage of strength of

joint Rivets 84. Thickness of shell crown plates 15/32" Radius of do.

Plates 70.5 Dia. of stays to do. 5. Dia. of stays 1 5/8" off Dia. of

furnace Top 3'-11 1/2" Bottom 4'-4 1/2" Length of furnace 4'-0"

Thickness of furnace plates 1/2" Description of joint Lap

Thickness of furnace crown plates 1/2" Stayed by as above

Working pressure of shell by rules 86 lbs Working pressure of furnace by

rules 98 lbs Dia. of uptake 11" Thickness of uptake plates 3/8"

Thickness of water tubes 3/8"

SPARE GEAR.

State the articles supplied :-

The foregoing is a correct description,

Manufacturer.

SLD1020-0231



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Foundation