

S. S. Woodbridge

Lloyd's Register of British

and Foreign Shipping,

Newcastle June 22nd 1890

The Surveyors,

Sunderland

Gentlemen,

Herewith we forward particulars
of donkey boiler for Messrs Lubies S.B.C.
B/S N^o 113 "Woodbridge"
as requested in your letter of the 21st inst

We are,

Yours faithfully,
A.E. Larmer

MARK ON BOILER.

No. 5449

LLOYD'S TEST,

200 lbs.
G.L.H. 25-5-00

DONKEY BOILER.

No. and Description Multitubular
Made at Gateshead By whom made Clarke Chapman & Co
When made 25-5-00 Where fixed
Working pressure 100 lbs tested by hydraulic pressure to 200 lbs
No. of Certificate 5449 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 10 ft Length 10' 3" Material of shell plates Steel Range of tensile
strength $\frac{34}{32}$ tons Thickness $\frac{19}{32}$ Description of riveting long seams D.R. lap
Dia. of rivet holes $\frac{25}{32}$ Whether punched or drilled drilled
Pitch of rivets 4 8 Lap of plating Straps 8 1/4" Per cent strength of
joint Rivets 82-1 Thickness of shell end plates 1 1/16" Radius of do.
Plates 82-1 No. of stays to do. 10 Dia. of stays 3 1/8" Dia. of
furnace Top 36" Bottom 10" Length of furnace 4-3
Thickness of furnace plates 9" Description of joint Welded
Thickness of stays plates 2 1/16" stayed by 13 1/8" + 1 1/2" stays 8 1/8" x 8 1/8" pitch
Working pressure of shell by rules 104 lbs Working pressure of furnace by
rules 124 lbs Dia. of tubes 3 1/4" Thickness of tube plates 3 1/16"
Thickness of stay tubes 5 1/16"
Is the approved plan of Donkey Boiler forwarded herewith?

The foregoing is a correct description.

Manufactured by

HP L389-0174



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Foundation