

S.S. "Gas Bera"
Sunderland, N^o 20505
 Lloyd's Register of British
 and Foreign Shipping,
 MIDDLESBROUGH-ON-TEES.

21st March 1901

The Surveyors,

Sunderland

Gentlemen,

Herewith we forward particulars
 of donkey boiler for S. S. Inceaton
Blumer No 159
 as requested in your letter of 20th inst

We are,

Yours faithfully,

John Sanderson

MARK ON BOILER.

No. 2419

LLOYD'S TEST,

160 lbs.
27.2.01. J.S.

SAT. APL 27 1901 DONKEY BOILER.

No. and Description 1 Cyl. Multitube plain fur.
 Made at Starkton By whom made Androm & Co^{rs}
 When made 27.2.01 Where fixed
 Working pressure 80 lbs tested by hydraulic pressure to 160 lbs
 No. of Certificate 2419 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 9'-0" Material of shell plates S. Range of tensile
 strength $\frac{27}{32}$ Thickness $\frac{1}{2}$ Description of riveting long seams trib. riv. lap
 Dia. of rivet holes $\frac{27}{32}$ Whether punched or drilled dr.
 Pitch of rivets $3\frac{7}{16}$ Lap of plating 6" Per centage of strength of
 joint Rivets 83. Thickness of shell end $\frac{1}{16}$ Plates of do.
 Plates 75.4 No. of stays to do. 2 rows 6. Dia. of stays $1\frac{3}{4}$ if Dia. of
 furnace Top 33" Bottom 2 Length of furnace 06'-6"
 Thickness of furnace plates top $\frac{7}{16}$ Description of joint lap
c. 26" bot $\frac{1}{2}$ Stayed by $1\frac{1}{2}$ if i.s. 8 to 9 p.r.
 Thickness of furnace crown plates $\frac{1}{2}$ top $\frac{9}{16}$
 Working pressure of shell by rules 80 lbs Working pressure of furnace by
 rules 80 lbs Dia. of uptake tubes 3" Thickness of uptake plates tubes $F\frac{1}{16}$ B $\frac{5}{8}$ "
 Thickness of water tubes May $\frac{5}{16}$

Is the approved plan of Donkey Boiler forwarded herewith?

The foregoing is a correct description,

© 2021 retained for duplicate.

Lloyd's Register
 Foundation

008641-008647-0083



© 2021

Lloyd's Register
Foundation