

No. of Bilge pumps 2

Diameter of ditto $4\frac{1}{2}$ " Stroke 2

Turner Withers Co. No 197

Particulars referred to,

Description Blakes Patent

Made at Manchester by whom made J Blake

When made 1893 where fixed

Working pressure 20 lb tested by hydraulic pressure to 160 lb

No. of Certificate 1146 fire-grate area

Description of safety valves No. of safety valves

No. of each if fitted with easing gear

Can steam from main boilers can enter the donkey boiler

Diameter of donkey boiler 6-0 length 14-0

Description of rivetting Lap joints

Angle seam double riv cir. seam single riv

Thickness of shell plates $\frac{13}{32}$ diameter of rivet holes $\frac{13}{16}$

Whether punched or drilled D pitch of rivets $2\frac{3}{4}$ & $2\frac{1}{4}$

No. of plating 4 1/2 per centage of strength of joint 70.5

Thickness of crown plates $\frac{13}{32}$ stayed by hemispherical

Thickness of tube plates comb. cham. plates $\frac{7}{16}$ stayed by

Diameter of furnace: top 2-4 bottom 4-0

Length of furnace 3-6 thickness of plates $\frac{7}{32}$

Description of joint Lap riv riv

Thickness of furnace crown plates $\frac{7}{16}$ stayed by gunmetal

Thickness of tube top plates, front $\frac{7}{16}$ back bed $\frac{7}{16}$

No. in steam space dia. pitch

Working pressure of shell by rules 81 lb furnace 89 lb

Press. of C. chamber plating S. space plating

Working pressure of comb C. stays steam space stays

Diameter of uptake 2-6-1-2 thickness of plates $\frac{3}{4}$

Diameter of water tubes 3 thickness of tubes 1/4

Working pressure of furnace by the rules 145 lb Combustion chamber plating

Pitch of tubes

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