

*S. S. "Heelsun"*

DONKEY BOILER.

Description *Circular Vertical Cochran Patent*  
Made at *Widened* By whom made *Cochran & Co.*  
When made *12-12-90* Where fixed \_\_\_\_\_  
Working pressure *100 lb* tested by hydraulic pressure to *200 lb*  
No. of Certificate *1533* 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' 9"* Material of shell plates *Steel*  
Thickness  *$\frac{7}{16}$ "* Description of riveting long seams *Double Riv Lap*  
Dia. of rivet holes  *$\frac{13}{16}$ "* Whether punched or drilled *drilled*  
Pitch of rivets *2 $\frac{1}{2}$ "* Lap of plating *4"* Per centage of strength of  
Rivets *80-6%* Thickness of shell crown plates  *$\frac{3}{8}$ "* Radius of do.  
joint Plates *67-5%*  
*2' 6"* No. of stays to do. *Heelsun* Dia. of stays *1"* Dia. of  
furnace Top *2' 0 $\frac{1}{2}$ "* Bottom *4' 1"* Length of furnace *Circular*  
Thickness of furnace plates  *$\frac{15}{32}$ "* Description of joint *Single Riv Lap*  
Thickness of furnace crown plates  *$\frac{15}{32}$ "* Stayed by *Heelsun*  
Working pressure of shell by rules *104 lb* Working pressure of furnace by  
rules *114 lb* Dia. of uptake *14"* Thickness of uptake plates  *$\frac{1}{2}$ "*  
Thickness of water tubes *1"*

SPARE GEAR.

State the articles supplied :-

The foregoing is a correct description,

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Foundation

Manufacturer

W1641-0143