

The Insurers

SLD 980-0218

Sunderland

Steel DONKEY BOILER.

Ship's Name or Yard No. *514 James Laming*  
Description *Vertical & cross water tubes*  
Made by *Riley Bros* at *Stockton*  
When made *13.2.92* Where fixed .....  
working pressure *90 lbs* Tested by hydraulic pressure to *180 lbs*  
No. of Certificate *405* Fire grate area ..... Description of safety  
valves ..... No. of safety valves ..... area of each .....  
If fitted with easing gear ..... If steam from main boilers can enter  
the donkey boiler ..... dia. of donkey boiler *6' 0"* Length *11' 0"*  
description of rivetting *best Lap & 26* thickness of shell plates *3/16"*  
dia. of rivet holes *3/16"* Whether punched or drilled *punched* pitch of  
rivets *2 3/4"* Lap of Plating *4' 4"* per centage of strength of  
joint *11.1* Thickness of crown plates *9/16"* stayed by *6-12 Stay Solid*  
Dia. of furnace, top *4' 10"* bottom *5' 5"* length of furnace *4' 4"*  
Thickness of plates *5-8"* description of joints *Lap Single*  
Thickness of furnaces crown plates *9/16"* stayed by *Same as*  
~~shell crown~~ working pressure of shell by rules *92.8 lbs*  
Working pressure of furnace by rules *89.4 lbs* dia of uptake *15 inches*  
Thickness of plates *3/16"* thickness of water tubes *3/8"*

*Wm R. Austin* 26.3.92