

The Scraper, Sunderland

Steel DONKEY BOILER.

Ship's Name or Yard No. Arcturion Ins No 166

Description Vertical with 4 cross water tubes

Made by J. Anderson & Co. at Stockton

When made 1889 Where fixed ..... working

pressure 80 lbs. Tested by hydraulic pressure to 160 lbs.

No. of Certificate 1954 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'-6" Length 14'-0"

description of rivetting Long Lap, Single Thickness of shell plates 13/32

dia. of rivet holes 13/16 Whether punched or drilled punched pitch of rivets 2 3/4

Lap of Plating 1 1/4 per centage of strength of joint 70.4%

Thickness of crown plates 13/32 stayed by Six Stays 1 1/2" dia. spec.

Dia. of furnace, top 5'-4" bottom 5'-10 1/2" length of furnace 6'-4"

Thickness of plates 14/32 description of joint Lap Single

Thickness of furnaces crown plates 9/16 stayed by Same as shell

cross plates working pressure of shell by rules 74 lbs. Working

pressure of furnace by rules 85 lbs. dia. of uptake 15" Thickness of plates

7/16" thickness of water tubes 3/8"

No. 1954  
Lap Test  
160 lbs.  
9.10.89. H.M.R.

SLD966-0127