

*Test* Donkey Boiler for  
S. S. Garth Castle.

Builders No 266 B.

Scale 1" to 1 foot

13 Oct/98

Working Pressure = 80 lbs. per sq. inch.

Stays Return-tubes  
& Leaders of Iron.  
Other parts are of  
Steel. The All-Portland  
is early.

1 1/2 Wrot. Iron Stays.  
1 5/8" full under thread.  
Tapped into plates &  
fitted with outside Nuts

All holes in Boiler to be drilled after plates are bent, & flanging to be removed before plates are rivetted.

15x11" Mc Neils  
door & Ring

Wrot Iron Stays. Ends tapped 2" Whit. Screwed into plates & Nutted outside

Centre part of Stays turned down to  $1\frac{1}{16}$ " dia.

7' 3" over plates

2' 0" inside

Wrot. Iron Stays 2" Whit. >>>

54 Plain tubes  $3\frac{1}{2}$ " external dia. 8 S.W.G. Front end swelled to  $3\frac{5}{8}$ " external dia. Both ends expanded into plates, back end headed

24. Vay tubes  $3\frac{1}{4}$  external dia?  $\frac{5}{16}$  thick. Front end Swelled to  $3\frac{1}{2}$  external dia? Screwed into both plates & back end beaded.

All tubes of Iron, Lapwelded.

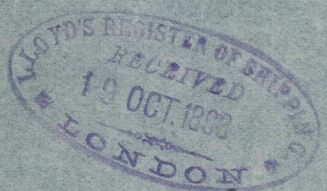
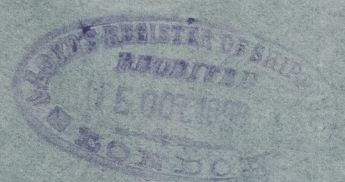
Furnaces welded longitudinally along bottom.

Front ends belled out to  
2" 10½ Outside Dia<sup>2</sup>

2" 10" Outside Dia<sup>n</sup>

1 1/2" Wrot. Iron Stays. 3/16" full unac'er thread at top.  
Tapped into plates & fitted with outside nuts.





Wentley Boiler  
for  
S/s Garth Castle

Con. report No 61403

LON 733-0081

20/10/32  
14/10/32  
13/10/32  
12/10/32  
11/10/32  
10/10/32  
9/10/32  
8/10/32  
7/10/32  
6/10/32  
5/10/32  
4/10/32  
3/10/32  
2/10/32  
1/10/32

14-10-32  
11-10-32

