

No. 93.

Lloyd's Register of British
and Foreign Shipping,

MIDDLESBROUGH-ON-TEES.

18th Oct^r 1893

The Surveyors,

Belfast.

Gentlemen,

Herewith ~~is~~ forward particulars

of donkey boiler for Steamer

Ardanahan

as requested in your ~~letter~~ ^{telegram} of 14th inst.

I am,
Dear Sir,

Yours faithfully,

Wm R. Austin.

MARK ON BOILER.

No. 690.

LLOYD'S TEST,

160 lbs.

11/4/93. W.R.A.

DONKEY BOILER.

Description Vertical with 4 cross water tubes
Made at Stockton By whom made Riley Bros.
When made 31/7/92 Where fixed _____
Working pressure 80 lbs tested by hydraulic pressure to 160 lbs
No. of Certificate 690 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 6'0" Length 11'0" Material of shell plates Steel
Thickness 13/32" Description of riveting long seams Lap Double
Dia. of rivet holes 13/16" Whether punched or drilled punched
Pitch of rivets 2 5/8" Lap of plating 4 1/4" Per centage of strength of
joint Rivets 24.3 Thickness of shell crown plates 14 Radius of do. 32
Plates 71.1
57A No. of stays to do. 6 Dia. of stays 1 1/2" Dia. of
furnace Top 4'10" Bottom 5'5" Length of furnace 4'11"
Thickness of furnace plates 19/32" Description of joint Lap Single
Thickness of furnace crown plates 19/32" Stayed by Sanas screw down
Working pressure of shell by rules 82 lbs Working pressure of furnace by
rules 88 lbs Dia. of uptake 15" Thickness of uptake plates 7/16"
Thickness of water tubes 3/8"

SPARE GEAR.

State the articles supplied: A certificate of test
Boiler is sent herewith.

The foregoing is a correct description.

Manufacturer.

BEL62-0116

Percentages of strength of longitudinal joint

plate 83.3

Working pressure of shell by rules

111 lbs

Size of manhole in shell

16 x 12

Lloyd's Register
Foundation