

MIDDLESBROUGH-ON-TEES.

28th January 28th

The Surveyors,

Antwerp

Gentlemen,

I
Herewith ~~we~~ forward particulars

of donkey boiler for marked as

below

as requested in your letter of 26th inst

I am
We are,

Yours faithfully,

R. D. Shilston

MARK ON BOILER.

No. 3002

LLOYD'S TEST,

180 lbs.
27.5.03 H.A.S.

No. and Description One cyl mult 2 plain furnaces.
Made at Stockton By whom made J. Sudron & Co
When made 27.5.03 Where fixed upper deck
Working pressure 90 lbs tested by hydraulic pressure to 180 lbs
No. of Certificate 3002 Fire grate area 28 ft² Description of safety
valves Spring No. of safety valves One Area of each 15.90"
Pressure to which they are adjusted 90 lbs If fitted with easing gear No
If steam from main boilers can enter the donkey boiler No Dia. of donkey
boiler 9.0" Length 9.0" Material of shell plates Steel Range of tensile
strength 27/32 Thickness 17/32 Description of riveting long seams Irish riv. lap.
Dia. of rivet holes 7/8 Whether punched or drilled drilled
Pitch of rivets 1 1/2" 2 1/4" Lap of plating 6 5/8" Per centage of strength of
Rivets 85.4 top end 11" Pitch of stays
joint Thickness of shell crown plates 1/16 Radius of do.
Plates 80.55
14" x 12" No. of stays to do 6 Dia. of stays 2 1/2" off base Dia. of
furnace Top 3.3" Bottom length 7.8" length of furnace 5-11" top
Thickness of furnace plates J 3/5" Description of joint D. Butt Stays
Comb. Ch. B 3/2"
Thickness of furnace crown plates 9/16 Stayed by 14.9 Sts 9.9 Riv.
Working pressure of shell by rules 94.14 Working pressure of furnace by
rules 100 Dia. of uptake tubes 3" thickness of uptake plates 7/16"
Stay 5/16" B 7/16"
Thickness of water tubes 7/16"
Is the approved plan of Donkey Boiler forwarded herewith? Yes

The foregoing is a correct description.

Manufacturer.

W468-0225