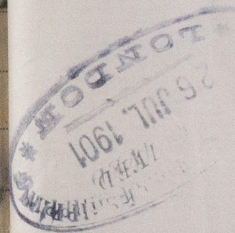


Form No. 93.

Lloyd's Register of British
and Foreign Shipping,
Glasgow
July 25th 1907



The Surveyors,

London

Gentlemen,

Herewith we forward particulars
of donkey boiler for *sp Mongolian*
as requested in your letter of 24th inst

We are,

Yours faithfully,

J. W. Denmark

MARK ON BOILER.

No. 5451. No. 5453
LLOYD'S TEST, LLOYD'S TEST
180 lbs. 180 lbs
1/6/00 J.W.D 12/6/01 J.W.D

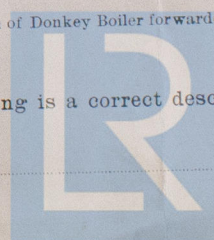
DONKEY BOILER.

No. and Description *Two patent Vertical.*
Made at *Annan* By whom made *Bochran & Co*
When made *1900* Where fixed ☒
Working pressure *90 lbs* tested by hydraulic pressure to *180 lbs*
No. of Certificate *{ 5451
5453* Fire grate area *19 1/2* ^{sq ft} 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 *14.0* Material of shell plates *steel* Range of tensile
strength *82 to 88* Thickness *{ 3/4
1/2 = 5453* Description of riveting long seams *double*
Dia. of rivet holes *{ 3/4
3/8 = 5453* Whether punched or drilled *drilled*
Pitch of rivets *{ 3 1/2
3 = 5453* Lap of plating *{ 4 3/8
4 1/8 = 5453* Per centage of strength of
joint Rivets *{ 3/4
3/8 = 5453* Thickness of shell crown plates *{ 3/4
1/2 = 5453* Radius of do.
Plates *{ 69 = 5453* No. of stays to do. *none* Dia. of stays ☒ Radius
furnace Top *2.6* Bottom ☒ Length of furnace ☒
Thickness of furnace plates *{ 3/4
3/8 = 5453* Description of joint *riveted*
Thickness of furnace crown plates *{ 3/4
3/8 = 5453* Stayed by ☒
Working pressure of shell by rules *{ 106 lbs
100 lbs = 5453* Working pressure of furnace by
rules *{ 106 lbs
100 lbs = 5453* Dia. of uptake *3 1/2* Thickness of uptake plates *1/16 to 2/32*
Thickness of tubes *1/4"*

Is the approved plan of Donkey Boiler forwarded herewith? ☒

The foregoing is a correct description,

Manufacturer.



Lloyd's Register
Foundation

Note! Scantlings of both boilers not similar Boiler No. 5453 dimensions underlined red.