

19890 Jun

Port Newcastle

15th Dec 31/12/44
1877

Details of Main Boilers of the Steam Ship

"Indus"

1236.24 tons

Report (if any) on Hull of Vessel. Port Newcastle No. 13800

Diameter 12.5 Length 10.6

Thickness of shell plates 7/8

Description of riveting of longitudinal joints Lap. Triple of circumferential joints Lap. Double

Pitch of rivets ditto 3 3/4 ditto 3 3/8

Diameter of rivets ditto 1 7/16 ditto 1 7/16

Lap of plating ditto 7 ditto 5 7/8

Size of manholes in circular shell 12 x 15

How compensated for Wrought Iron plate

Number of furnaces in boiler 3

Diameter of furnaces 2.10 Length of furnaces 8.0

Thickness of furnace plates 1/2

Description of joint of furnaces Double Butt straps

Whether strengthened with rings No Greatest length between rings ✓

Thickness of combustion chamber plating 7/16

Diameter of screw stays to ditto 1 3/16 pitch of stays 8 x 8 7/8

End plates, thickness 3/4 at steam space, 1/2 below

Diameter of longitudinal stays to end plates 2" pitch of ditto 15 x 12

How stays are secured Double ends & washers

Diameter of tubes 3 1/2 pitch of tubes 4 3/4 x 4 3/4

Thickness of tube plates 5/8

Stayed by Solid stays 2" dia pitch of stays 14 x 14 1/4

Description of steam receiver Cylindrical Horizontal

Diameter of ditto 3.6 length of ditto 7.3

Thickness of plating of ditto 3/8 ends 7/16

Ends, how stayed (6) stays 1 1/2 dia.

Shell 57520 x 1.75 x 72 = 67 lb. Flat plates (ends) 120 x 14 x 1/2 = 67 lb.

149 x 6.5

256

Furnaces 89600 x .25 = 88 lb. Comb. Cham. 100 x 49 = 76 lb.

8.0 x 34

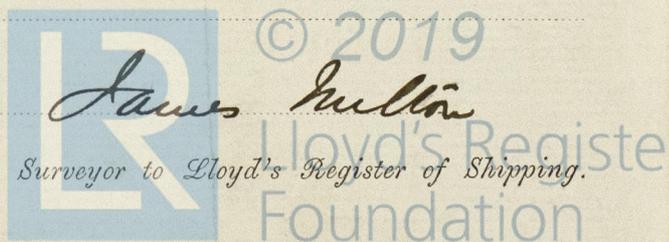
64

Main stay 16 x 12 x 65 = 395 lb.

3.1

Screw Stays 8 x 8 x 65 = 378 lb.

1.1



Engineer Surveyor to Lloyd's Register of Shipping.