

REPORT ON BOILERS.

No. 12150
15 NOV 1924

Date of writing Report 19 When handed in at Local Office 12.11.24 19 Port of MIDDLESBRO
No. in Survey held at Stockton-on-Tees Date, First Survey 7th August Last Survey 5th Nov. 1924
Reg. Book. on the (Number of Visits 15) Tons Gross Net
Master Built at By whom built When built
Boilers made at Stockton By whom made Messrs Riley Bros Ltd (No 5362) When made 1924
Owners Adria Arcite Annema di Nav Marittima Port belonging to

VERTICAL DONKEY BOILER No. one Description Meredith Patent Manufacturers of steel South Durham S. Co
Made at Stockton By whom made Messrs Riley Bros Ltd When made 1924 Where fixed (Malleable)
Tested by hydraulic pressure to 180 Date of test 5.11.24 No. of Certificate 6408 Fire grate area 24.84 Description of safety valves Spring loaded
No. of safety valves 2 Area of each 3.98 Pressure to which they are adjusted 90 If fitted with easing gear Yes If steam from main boilers can
Enter the donkey boiler 10 Dia. of donkey boiler 6'-6" Length 13'-6" Material of shell plates steel Thickness 7/8 + 1/2 Range of tensile
Length 26'-32" Descrip. of riveting long. seams 2 Riv? lap Dia. of rivet holes 15/16 Whether punched or drilled drilled Pitch of rivets 2 7/8
Type of plating 4 1/2 Per centage of strength of joint Rivets 90.0 Working pressure of shell by rules 100 Thickness of shell crown plates 1/2
Radius of do. 3'-3" No. of Stays to do. none Dia. of stays Diameter of furnace Top 4'-3 1/2 Bottom 5'-9 1/2 Length of furnace 2'-4"
Thickness of furnace plates 5/8 Description of joint weld Working pressure of furnace by rules 166 Thickness of furnace crown
plates 5/8 Radius of do. 3'-0" Stayed by dished Diameter of tubes 3" x N° 10 Thickness of tubes F = 3/4
Thickness of water tubes 5/16. Iron chamber back plate 1/2 + 1 1/4 dia stays @ 9 thickness
Pitched 10" x 8" + nutted. C.C. top plate 1/2 + 2 girders 5" x 1 1/4
2 shell stays of 2 1/2 steel bars, swelled at ends 2 3/4 @ 6 thickness
The foregoing is a correct description,
Geo W Riley Manufacturer.
DIRECTOR.

Dates During progress of work in shops - 1924 Aug 2 14 27 Sep 2 4 11 18 19 26 Oct 1 6 9 16 22 Nov 5
Survey while building During erection on board vessel - -
Total No. of visits 15
Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey: is of good material and workmanship and on completion was tested by hydraulic pressure with satisfactory results

Survey Fee ... £ 4-4-9 When applied for, 19
Travelling Expenses (if any) £ 4 : : When received, 19
Committee's Minute WED. 5 AUG 1925
signed See Jm 2855
TUES. 5 OCT 1926
FRI. 18 SEP 1925
TUES. 29 DEC 1925
FRI. 23 APR 1926
TUES. 20 SEP 1927
TUES. 31 MAY 1927
TUES. 2 NOV 1926
TUES. 5 APR 1927
TUES. 17 MAY 1926
Lloyd's Register Foundation

W1061-0228