

REPORT ON BOILERS.

No. 12149

15 NOV 1924

Date of writing Report 10 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. 9th Upo Bassi (Number of Visits 15) Gross Tons Net
Master Built at By whom built When built
Boiler made at Stockton By whom made Messrs Riley Bros Ltd (No 5561) When made 1924
Owners Adria Arcite Annema di New Marittima Port belonging to

VERTICAL DONKEY BOILER— No. one Description Meredith Patent Manufacturers of steel South Durham S. Co Ltd (Malleable)
Made at Stockton By whom made Messrs Riley Bros Ltd When made 1924 Where fixed Working pressure 90 lb
Tested by hydraulic pressure to 180 Date of test 5.11.24 No. of Certificate 6407 Fire grate area 24.8 sq ft 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 No Dia. of donkey boiler 6'-6" Length 13'-6" Material of shell plates steel Thickness 7/8 + 1/2" Range of tensile strength 28-32 Descrip. of riveting long. seams 2 Riv. lap Dia. of rivet holes 15/16 Whether punched or drilled drilled Pitch of rivets 2 3/8"
Gap of plating 4 1/2" Per centage of strength of joint Rivets 90.0 Plates 67.41 Working pressure of shell by rules 100 lb Thickness of shell crown plates 1/2"
Dia. 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 lb Thickness of furnace crown plates 5/8" Radius of do. 3'-0" Stayed by dished Diameter of tubes 3" x N=10 Thickness of tube plates F=3/4" B=5/8"
Thickness of tubes 5/16" Corn Chamber back plate 1/2" x 1 1/4" dia stays @ 9 threads The foregoing is a correct description.
Pitched 10" x 8" x milled: C.C. top plate 1/2" x 2 girders 5" x 1 1/4" 2 shell stays of 2 1/2" steel bars, swelled at ends to 2 3/4" @ 6 threads
RILEY BROS. (BOILER MAKERS) LIMITED, Manufacturer. DIRECTOR

Dates During progress of work in shops - 1924 Aug 7, 14, 27, Sep 2, 4, 11, 18, 19, 26 Oct 1, 6, 9, 16, 22, 29
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) £ : : When received, 19
TUES. 20 SEP 1927
TUES. 31 MAY 1927
WED. 5 AUG 1925
TUES. 5 OCT 1926
FRI. 18 SEP 1925
TUES. 29 DEC 1925
FRI. 23 APR 1926
TUES. 2 NOV 1926
TUES. 5 APR 1927
TUES. 17
Lloyd's Register Foundation
Committee's Minute
Assigned See Fin 2855
Wm Morrison
Engineer Surveyor to Lloyd's Register of Shipping.

W1061-0227