

REPORT ON BOILERS.

No. 54908

-5 SEP 1934

Date of writing Report 20-8-34 When handed in at Local Office 30-8-34 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 24-5-34 Last Survey 17-8-34
 Reg. Book. on the Boiler No 12752 (Number of Visits 14) Tons { Gross 24.5 Net 23.7
 Master _____ Built at _____ By whom built _____ When built _____
 Boilers made at _____ By whom made _____ When made _____
 Owners The Dalgarville Shipping Co. Port belonging to Glasgow

VERTICAL DONKEY BOILER— No. 12752 Description Cochran Manufacturers of steel Steel Co. of Scotland
 Made at Annan By whom made Cochran & Co. Annan When made 1934 Where fixed _____ Working pressure 125
 tested by hydraulic pressure to 238 Date of test 17-8-34 No. of Certificate 19425 Fire grate area ✓ Description of safety valves ✓
 No. of safety valves 2 Area of each 2.91 Pressure to which they are adjusted 2.5 If fitted with easing gear _____ If steam from main boilers can
 enter the donkey boiler ✓ Diameter of donkey boiler 7'-0" Length 17'-4" Material of shell plates 8 Thickness 5"-25/32"
 Range of tensile strength 28-32 Description of riveting long. seams A.P.L. Diameter of rivet holes 31/32" Whether punched or
 drilled drilled Pitch of rivets 2.96" 2.86" 2.14" Lap of plating 4 3/4" Per centage of strength of joint Rivets 67.7 Working pressure of shell by
 rules 135.2 Thickness of shell crown plates 1"-17/32" Radius of do. 3'-6" No. of stays to do. from Diameter of stays ✓ Diameter of
 furnace—Top 10 1/2" Bottom 6'-0" Length of furnace _____ Thickness of furnace side plates 2 1/32" Description of joint Seamless Working
 pressure of furnace by rules 152.8 Thickness of Ogee ring 1" Working pressure of Ogee ring by rules 133.3 Thickness of furnace
 crown plates 2 1/32" Radius of do. 3'-0" Stayed by hemispherical Diameter of uptake 15" x 22" Thickness of uptake
 plates 9/16" Thickness of tube plates front 1 1/8" back 1 1/8" Mean pitch of stay tubes in nest 8.25" Waste heat Pitch in outer vertical rows 6 1/2" x 4.68"
 Diameter of tube holes FRONT stay 1 1/2" plain 1 1/2" BACK stay 1 1/2" plain 1 1/2" Working pressure of tube plates by rules _____ Tubes: Material Steel
 External diameter stay 1 1/2" Thickness 2 1/16" No. of threads per inch 9 Pitch of tubes 3.08" x 3.25" Oil fired
 Working pressure by rules 224 FTP, 129 STP Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
 ring 2'-4" dia. x 7/8" No. of rivets and diameter of rivet holes 36-31/32" Outer row pitch at ends 3.9"

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building { During progress of work in shops - } 1934 May: 24-29 June 5-8, 14-21, 28 July: 5-10, 12-26, 31 Drawing No. E 31529
 { During erection on board vessel - } Aug: 9-17
 Total No. of visits 14 Is the approved plan of boiler forwarded herewith ✓

GENERAL REMARKS

(State quality of workmanship, opinions as to class, &c.)

This boiler has been built under special survey in accordance with the approved plan and the Society's Rules and requirements the materials and workmanship are good.

The boiler is to the order of. Artie Hakstov Skibsvarft

Survey Fee ... £ 4 : 4 :

When applied for ... 19

Travelling Expenses (if any) £ : :

When received ... 19

Committee's Minute

GLASGOW 4 SEP 1934

Assigned

TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of Shipping.

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Lloyd's Register
Foundation

26 NOV 1984



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004387-004393-0175