

REPORT ON BOILERS.

No. 54086

27 DEC 1933

Received at London Office

Date of writing Report 21-12-1933 When handed in at Local Office 25-12-1933 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 10-11-33 Last Survey 20-12-1933
 Reg. Book TARONGA (Number of Visits 7) Tons } Gross
 on the } Net
 Master _____ Built at _____ By whom built Odense S. S. No 60 When built _____
 Boilers made at _____ By whom made _____ When made _____
 Owners _____ Port belonging to _____

VERTICAL DONKEY BOILER— No. 12672 Description Cochran Manufacturers of steel Steel Co of S'land
 Made at Annan By whom made Cochran & Co Annan When made 1933 Where fixed ✓ Working pressure 100
 tested by hydraulic pressure to 200 Date of test 20-12-33 No. of Certificate 19312 Fire grate area ✓ Description of safety valves ✓
 No. of safety valves ✓ Area of each ✓ Pressure to which they are adjusted ✓ If fitted with casing gear ✓ If steam from main boilers can
 enter the donkey boiler ✓ Diameter of donkey boiler 5'-6" Length 14'-6" Material of shell plates 8 Thickness 9/16" - 7/16"
 Range of tensile strength 28-32 Description of riveting long. seams J.R.L. Diameter of rivet holes 25/32" Whether punched or
 drilled drilled Pitch of rivets 2.5"-2.67"-2.69" Lap of plating 3 7/8" Per centage of strength of joint Rivets 66.8 Working pressure of shell by
 rules 117 Thickness of shell crown plates 13/32" - 11/16" Radius of do. 2'-9" No. of stays to do. none Diameter of stays ✓ Diameter of
 furnace—Top Hemisph Bottom 4'-9" Length of furnace ✓ Thickness of furnace side plates ✓ Description of joint none Working
 pressure of furnace by rules 144.8 Thickness of Ogee ring 1 1/16" Working pressure of Ogee ring by rules 104 Thickness of furnace
 crown plates 1/2" Radius of do. 2'-4 1/2" Stayed by Hemisph Diameter of uptake 13" x 19 1/2" Thickness of uptake
 plates— 1/2" Thickness of tube plates front 13/16" back 13/16" Mean pitch of stay tubes in nest 6" 10", 0.7-5" Pitch in outer vertical rows 7 1/2" - 4 3/4"
 Diameter of tube holes FRONT stay 0 1 1/16" plain 0 1 1/16" BACK stay 0 1 1/2" plain 0 1 1/2" Working pressure of tube plates by rules D.F.104 B.133 Tubes: Material Steel
 External diameter stay 0 1 1/2" plain 0 2 1/16" Thickness stay 0 1 1/2" plain 0 1 1/2" No. of threads per inch 9 Pitch of tubes 0.2 3/8" x 2.32", 0.3 3/4" x 3 1/2"
 Working pressure by rules 175 Manhole compensation; Size of opening in shell plate 16" x 12 Section of compensating
 ring 28 x 24 x 1/16" No. of rivets and diameter of rivet holes 36 - 25/32" Outer row pitch at ends 3 5/8"

FOR COCHRAN & CO., ANNAN, LTD.
The foregoing is a correct description,

R. Rex Manufacturer.
GENERAL WORKS MANAGER

Drawing No. E 30743

Dates of Survey while building
 During progress of work in shops— 1933 Nov: 10-17-24 Dec: 1-8-12-20
 During erection on board vessel — — —
 Total No. of visits 7

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 for Odense Staalskibsvaert, Odense

Survey Fee £ 4 : 4 :
 Travelling Expenses (if any) £ : :

When applied for 19.....
 When received 19.....

MONTHLY ACCOUNT

Jas Cairns
Engineer Surveyor to Lloyd's Register of Shipping.

TUE. 12 JUN 1934

Committee's Minute

Assigned

Not for Closing Committee

See Cpu 2.6. 934

Lloyd's Register

TUE. 24 JUL 1934

003217-003222-0143

0145 2/2

If not, state whether, and when, one will be sent?

Is a Report also sent on the hull of the

Certificate (if required) to be sent to

(The Surveys are requested not to write on or below the space for Committee's Minute.)

Form 129 - Copyable Ink