

# REPORT ON BOILERS.

No. 88503

Date of writing Report
2 May 1958
When handed in at Local Office
6 May 1958
Port of
GLASGOW

No. in Survey held at
Annan
Date, First Survey
14 Feb
Last Survey
2 May 1958

Reg. Book
on the

Built at
By whom built
Jos Boel & Sons
Yard No.
1360
When built

Boilers made at
Annan
By whom made
Cochran & Co., Annan, Ltd
Boiler No.
21832
When made
1958

Owners
Port belonging to

VERTICAL DONKEY BOILER—
No.
one
Description
composite
Manufacturers of steel
Colvilles Ltd,

Made at
Annan
By whom made
Cochran & Co., Annan, Ltd
When made
1958
Where fixed
EG 1500 } Working pressure 100

tested by hydraulic pressure to
200
Date of test
2.5.58
No. of Certificate
25257
Total heating surface of boilers
OF 450 } sq. ft

each boiler
EG OF
No. and description of safety valves on each boiler
2 Enclosed
Area of each set of valves per boiler
14.14sq.
Pressure to which

they are adjusted
If fitted with easing gear
If steam from main boilers can enter the donkey boiler
Diameter of boiler
8'0"

Length
21'0"
Material of shell plates
steel
Thickness
9/16" 27/32"
Range of tensile strength
28-32"
Description of riveting long.

seams
D.R.Lap
Diameter of rivet holes
29/32"
Whether punched or drilled
drilled
Pitch of rivets
2.87" 2.54" 2.87"
Lap of

plating
4 1/2"
Thickness of shell crown plates
1"
Radius of do.
7' 4 1/2"
No. of stays to do.
Diameter of stays
Diameter of

urnace—Top
Bottom
7'0"
Length of furnace
Thickness of furnace side plates
5/8"
Description of joint
seamless
Thickness

of Ogee ring
1"
Thickness of furnace crown plates
5/8"
Radius of do.
3'6"
Stayed by
hemisphere
Diameter of

uptake
20" x 23 1/2"
Thickness of uptake plates
9/16"
Thickness of tube plates
1.1 1/8"
Mean pitch of stay tubes in nest
as approved

Pitch in outer vertical rows
EG 4.8" OF 6.3/8"
Diameter of tube holes
FRONT 1 1/8" 2 1/8" BACK 1 1/2" 2"
Tubes: Material
Steel

external diameter
EG 1 1/2" 2" OF 1 1/2" 2"
Thickness
11/32"
No. of threads per inch
9
Pitch of Tubes
EG 2.13/32" 2.40" OF 3.132 x 3.3/16"

manhole compensation; Size of opening in shell plate
16" x 12"
Section of compensating ring
flanged
No. of rivets and

diameter of rivet holes
Outer row pitch at ends

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

Dates
During progress of work in shops
1958 Feb 14, 21, 28 Mar 7, 14, 21, 28 Apr 2, 11, 18, 25 May 2
Drawing No.
44133A

Survey while building
During erection on board vessel
Approved
29.11.57

Total No. of visits
Is the approved plan of boiler forwarded herewith
yes

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

This boiler has been constructed under Special Survey in accordance with the Society's Rules and approved plans. The materials and workmanship are good.

Survey Fee
£24 : 0 : 0
MONTHLY ACCOUNT
When applied for
19

Travelling Expenses (if any) £
When received
19

Committee's Minute  
Signed  
GLASGOW 13 MAY 1958  
Deferred for completion

J. Grimshaw  
Engineer Surveyor to Lloyd's Register of Shipping.