

No. 71985

Date of writing Report 9. 8. 1947 When handed in at Local Office 9. 8. 1947 Port of GLASGOW
 No. in Survey held at ANNAN Date, First Survey 10. 1. 47 Last Survey 17. 7. 1947
 Reg. Book _____ (Number of Visits 24)
 _____ on the _____ Tons }
 _____ Gross
 _____ Net
 Yard No. 612 Built at GLASGOW By whom built A. Stephen & Sons Ltd. When built _____
 Boilers made at ANNAN By whom made Cochran & Co. Annan Boiler No. 16802 When made 1947
 Owners _____ Ltd.
 Port belonging to _____

VERTICAL DONKEY BOILER— No. one Description Cochran Manufacturers of steel Colvilles Ltd.
 Made at Annan By whom made Cochran & Co. Annan, Id. When made 1947 Where fixed _____ Working pressure 120 lbs
 tested by hydraulic pressure to 238 Date of test 17-7-47 No. of Certificate 22475 Fire grate area 0. F Description of safety valves Double spring
 No. of safety valves 2 Area of each 4.9 Pressure to which they are adjusted _____ If fitted with easing gear yes If steam from main boilers can
 enter the donkey boiler _____ Diameter of donkey boiler 6'-6" Length 15'-9" Material of shell plates S Thickness 17/32" & 21/32"
 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 2.86", 2.82" & 2.79" Lap of plating 4 1/2" Per centage of strength of joint _____ Working pressure of shell by
 rules 125.7 lbs Thickness of shell crown plates 15/32" Radius of do 3'-3" No. of stays to do none Diameter of stays _____ Diameter of
 furnace—Top _____ Bottom 5'-6" Length of furnace _____ Thickness of furnace side plates 17/32" Description of joint seamless Working
 pressure of furnace by rules 133.2 lbs Thickness of Ogee ring 15/16" Working pressure of Ogee ring by rules 125.6 lbs Thickness of furnace
 crown plates 17/32" Radius of do 2'-9" Stayed by hemisphere Diameter of uptake 15" x 23" Thickness of uptake
 plates 9/16" Thickness of tube plates _____ Mean pitch of stay tubes in nest 10.85" Pitch in outer vertical rows 8.88"
 Diameter of tube holes FRONT 2.11/16" BACK 2 1/8" Working pressure of tube plates by rules 151.9 lbs/sq.in. Tubes: Material steel
 External diameter 2 1/8" Thickness 11/32" No. of threads per inch 9 Pitch of Tubes 3.9/16" x 4.44"
 Working pressure by rules 175 lbs/sq.in. Manhole compensation; Size of opening in shell plate 21" x 17" Section of compensating
 ring 7 1/8" x 1" No of rivets and diameter of rivet holes 40 @ 29/32" Outer row pitch at ends 4.1"

The foregoing is ~~a~~ correct description.

FOR COCHRAN & CO., ANNAN, *Manufacturers.*

Dates of Survey while building	During progress of work in shops	1907 Jan 10, 17, 24, 31 Feb 7, 14, 21, 28 Mar 7, 14, 21, 27 Apr 3, 10, 25 May 8, 15, 22, 29	Drawing No. 32537
		Jun 5, 12, 19, 26 Jul 10, 17.	
	During erection on board vessel		
Total No. of Visits	24	Is the approved plan of boiler forwarded herewith	yes

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

This Boiler has been despatched to Glasgow for installation.

This boiler has been constructed under Special Survey and in accordance with the approved plan. The materials and workmanship are good.

This boiler has been fitted on board under Special Survey. Safety Valves adjusted to 120 lbs & accumulation trials carried out with satisfactory results.

58, Kachonach

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Survey Fee £	6	:	0	:	9.	When applied for.....	19.....
Travelling Expenses (if any)	£		:		:		When received	19.....

MONTHLY ACCOUNT 19

Committee's Minute

GLASGOW

12 AUG 1947

1 JUN 1948

Assigned

Referred for
completion

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

012211-012220-0244