

REPORT ON BOILERS.

No. 59015
NOV 3 1937

Date of writing Report 19 37 When handed in at Local Office 1. 11. 37 Port of Glasgow
No. in Survey held at Annan Date, First Survey 9. 9. 37 Last Survey 22-10-1937
Reg. Book. on the BOILER No. 13838 (Number of Visits 5) Gross Tons Net
Master Built at Nalerskov By whom built A. Kieselokabet. Nalerskovskibhavn When built 1937
Boilers made at Annan By whom made Buchan & Co Annan Ltd When made 1937
Owners Port belonging to

VERTICAL DONKEY BOILER— No. one Description Composite Manufacturers of steel Buchan Ltd
Made at Annan By whom made Buchan & Co Annan Ltd When made 1937 Where fixed Working pressure 100
tested by hydraulic pressure to 200 lb Date of test 22-10-37 No. of Certificate 20039 Fire grate area — Description of safety valves Enclosed spring
No. of safety valves 2 Area of each 3.40 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'-0" Length 16'-3" Material of shell plates Steel Thickness 9/16 7/16
Range of tensile strength 28-32 tons Description of riveting long. seams WR lap Diameter of rivet holes 25/32 Whether punched or
drilled drilled Pitch of rivets 2.66 2.63 2.5 Lap of plating 3 7/8 Per centage of strength of joint Rivets 67.7 Working pressure of shell by
rules 108 Thickness of shell crown plates 13/32 & 13/16 Radius of do. 3'-0" No. of stays to do. — Diameter of stays — Diameter of
furnace—Top — Bottom 5'-0" Length of furnace — Thickness of furnace side plates 2 1/2 Description of joint Seamless Working
pressure of furnace by rules 137 Thickness of Ogee ring 13/16 Working pressure of Ogee ring by rules 101 Thickness of furnace
crown plates 5/8 Radius of do. 2'-6" Stayed by hemisphere Diameter of uptake 15" x 18" Thickness of uptake
plates 9/16 Thickness of tube plates front 1 1/16 2 3/16 back 2 3/16 Mean pitch of stay tubes in nest 8, 11 1/4, 7.6 Pitch in outer vertical rows 4 3/4 & 6 1/2
Diameter of tube holes FRONT stay 1 1/16 2 3/16 BACK stay 1 1/2 2 Working pressure of tube plates by rules F 115 B 128 Tubes: Material steel
External diameter stay 1 1/2 2 Thickness stay 2 3/16 2 3/16 No. of threads per inch 9 Pitch of tubes 2.4 x 2 3/8 3 x 3 1/4
Working pressure by rules 155 Manhole compensation; Size of opening in shell plate 16" x 12" Section of compensating
ring 6" x 1 1/16 THICK No. of rivets and diameter of rivet holes 36 @ 25/32 Outer row pitch at ends 3 1/16

FOR COCHRAN & CO., ANNAN LTD
The foregoing is a correct description, *W.F.*
T. Forster Manufacturer.

Dates of Survey while building During progress of work in shops 1937 Sep: 9-16 Oct: 1-7-22 Drawing No. 22989
During erection on board vessel —
Total No. of visits 5 Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
The workmanship and materials are good.
The boiler has been constructed under special survey.
The boiler to be sent to Denmark to be fitted in the vessel.
11/11/37

Survey Fee ... £ 4 : 4 : When applied for 19
Travelling Expenses (if any) £ : : When received 19
MONTHLY ACCOUNT
Committee's Minute GLASGOW 2- NOV 1937
Assigned TRANSMIT TO LONDON
FRI 28 JAN 1938
7.6. 10433
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