

REPORT ON BOILERS.

No. 49019

27 MAR 1929

Received at London Office
Date of writing Report 19 When handed in at Local Office 26.3.19 29 Port of Glasgow.
No. in Survey held at Annan. Date, First Survey 12.2.29 Last Survey 20.3.19 29.
Reg. Book. on the BOILER No 11231. ✓
Master Built at By whom built When built
Boilers made at Annan. By whom made Messrs. Cochran & Co. Annan Ltd. When made 1929.
Owners Port belonging to

VERTICAL DONKEY BOILER— No. One Description Vertical. Manufacturers of steel D. Colville & Sons Ltd.
Made at Annan By whom made Cochran & Co. Annan Ltd. When made 1929. Where fixed ? Working pressure 120 lbs. ✓
tested by hydraulic pressure to 230. Date of test 20.3.29. No. of Certificate 8230. Fire grate area 14.5. Description of safety valves Enclosed spring
No. of safety valves 2 Area of each 1.767. Pressure to which they are adjusted If fitted with easing gear Yes If steam from main boilers can
enter the donkey boiler No Diameter of donkey boiler 4'-9". Length 11'-9". Material of shell plates Steel. Thickness 13/32", 15/32", 13/32".
Range of tensile strength 28-32. Description of riveting long. seams D.R. lap. Diameter of rivet holes 25/32". Whether punched or
drilled drilled. Pitch of rivets 2.5", 2.325", 2.645". Lap of plating 3 3/8". Per centage of strength of joint Rivets 42.4. Plates 68.6. Working pressure of shell by
rules 124.9 lbs. Thickness of shell crown plates 19/32". Radius of do. 4'-9". No. of stays to do. ✓ Diameter of stays ✓ Diameter of
furnace—Top ✓ Bottom 4'-0". Length of furnace 2'-9 3/8". Thickness of furnace side plates ✓ Description of joint ✓ Working
pressure of furnace by rules 142 lbs. Thickness of Ogee ring 1 1/16". Working pressure of Ogee ring by rules 120.4 lbs. Thickness of furnace
crown plates 1/2". Radius of do. 2'-0". Stayed by Hemispheres. Diameter of uptake 11" x 16 3/4". Thickness of uptake
plates 1/2". Thickness of tube plates front 23/32" back 23/32". Mean pitch of stay tubes in nest 9.098". Pitch in outer vertical rows 7.322".
Diameter of tube holes FRONT stay 2 1/16" plain 2 9/16" BACK stay 2 1/2" plain 2 1/2". Working pressure of tube plates by rules F. 124.2 lbs. B. 129.3 lbs. Tubes: Material Wrot iron.
External diameter stay 2 1/2" plain 2 1/2". Thickness stay 11/32" plain 11/16". No. of threads per inch 9. Pitch of tubes 3 5/8" x 3.661".
Working pressure by rules 125 lbs. Manhole compensation: Size of opening in shell plate 16" x 12". Section of compensating
ring 5" x 2 1/32". No. of rivets and diameter of rivet holes 32 off. 25/32". Outer row pitch at ends 4 1/4"

The foregoing is a correct description.

For COCHRAN & CO. ANNAN, LIMITED
J. & C. Woodham

Manufacturer

Dates of Survey while building
During progress of work in shops— 1929 Feb. 12-22 Mar 8-13-20
During erection on board vessel —
Total No. of visits 5

Drawing No. 16930.

Is the approved plan of boiler forwarded herewith Yes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under survey in accordance with the Rules and approved plan. The materials and workmanship are good. This boiler is to the order of Messrs. Canadian Packers Ltd for Customs Patrol Vessel No. 108.

Survey Fee ... £ 4 : 4 : When applied for 19
Travelling Expenses (if any) £ : : When received 19

MONTHLY ACCOUNT

TUE. 29 OCT 1929

John D Macdonald.
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 26 MAR 1929
Assigned TRANSMIT TO LONDON

6 SEP 1929 24 SEP 1929

Lloyd's Register Foundation

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