

5b.

REPORT ON BOILERS.

No. 32374

WED. FEB. 19. 1913

of writing Report 14-2-1913 When handed in at Local Office 18-2-1913 Port of Glasgow
Survey held at Annan Date, First Survey 15-1-1913 Last Survey 14-2-1913
Book. on the Donkey Boiler for "Collairnie" (WVV Lidgerwood Crabbie) Tons Gross 399 Net
Built at Annan By whom built Cochran & Co. Annan Ltd. When built 1913.
Made at Annan By whom made Cochran & Co. Annan Ltd. When made 1913.
Port belonging to

VERTICAL DONKEY BOILER— No. 6032 Description Cochran Pat^d Manufacturers of steel Stewart & Lloyd
at Annan By whom made Cochran & Co. When made 1913 Where fixed Stakehold Working pressure 100
by hydraulic pressure to 200 Date of test 14-2-13 No. of Certificate 1978 Fire grate area 11 $\frac{3}{4}$ Description of safety valves Spring loaded
of safety valves one Area of each 4.91^{sq} Pressure to which they are adjusted 105 lbs If fitted with easing gear yes. If steam from main boilers can
the donkey boiler Dia. of donkey boiler 4-9 Length 10-3 Material of shell plates S Thickness $\frac{7}{16}$ - $\frac{3}{8}$ Range of tensile 2-385
Length 28-32 Descrip. of riveting long. seams 2 l Dia. of rivet holes $\frac{23}{32}$ Whether punched or drilled d Pitch of rivets 2-395
of plating 3 $\frac{5}{8}$ Per centage of strength of joint Rivets 76-7 Working pressure of shell by rules 100 Thickness of shell crown plates $\frac{7}{16}$
us of do. 4-9 No. of Stays to do. none Dia. of stays Rad^d of furnace Top 24 Bottom Length of furnace 2-10
Thickness of furnace plates $\frac{1}{2}$ - $\frac{5}{8}$ Description of joint hemispherical & R^d R^d Working pressure of furnace by rules 156 Thickness of furnace crown
s $\frac{1}{2}$ Radius of do. 24 Stayed by hemispherical Diameter of uptake 11x16 $\frac{3}{4}$ Thickness of uptake plates $\frac{1}{2}$
Thickness of tubes Plate F3 B5
The foregoing is a correct description,
FOR COCHRAN & CO. ANNAN, LTD. Manufacturer.

Dates During progress of work in shops - 1913. Jan. 15. 24. Feb. 14.
Survey During erection on board vessel - -
while building Total No. of visits 3.
Is the approved plan of boiler forwarded herewith Yes 7625

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
The Material & workmanship is good.
The boiler has been built under special survey.

Survey request form
to 6.820. attached

Please return.

Survey Fee ... £ 2: 2 : When applied for, Monthly 4s
Travelling Expenses (if any) £ : : When received, 19

Committee's Minute GLASGOW 18 FEB. 1913
Assigned Transmit to London. John H. Heck.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

See minute on Gls. Rpt. No. 22995
Lloyd's Register Foundation
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