

REPORT ON BOILERS.

No. 36231

WED. 16. AUG. 1916

Received at London Office

Writing Report Aug 12 1916 When handed in at Local Office 19 Port of Glasgow
Survey held at Annan Date, First Survey 9/6/16 Last Survey Aug. 11 1916
on the Donkey Boiler for Lightfoot messrs J. Brown & Sons NE 159. Tons Gross 1875
Net 1104
Built at Sunderland By whom built J. Brown & Sons Ltd. When built 1916
made at Annan By whom made Cochran & Co Annan Ltd. When made 1916
Widderington & Co. Port belonging to Newcastle

VERTICAL DONKEY BOILER No. 7240 Description Cochran Manufacturers of steel Wm. Beadmore & Co
at Annan By whom made Cochran When made 1916 Where fixed Stothold Working pressure 100 lbs
by hydraulic pressure to 200 Date of test 11-8-16 No. of Certificate 13513 Fire grate area 375 Description of safety valves Spring P 25/16 5 1/16
safety valves 2 Area of each 9.62 Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can
the donkey boiler no Dia. of donkey boiler 8'-0" Length 16'-6" Material of shell plates S Thickness 19/32 + 1/16 Range of tensile
Descrip. of riveting long. seams D.R. Saf. Dia. of rivet holes 3/8" Whether punched or drilled Drilled Pitch of rivets 3.02
plating 4 3/4 Per centage of strength of joint Rivets 19/16 Plates 67.9 Working pressure of shell by rules 108 lbs Thickness of shell crown plates 1 1/16
of do. 48" No. of Stays to do. nil Dia. of stays Diameter of furnace Top 84" Bottom 84" Length of furnace 52"
of furnace plates 1 1/8 Description of joint Working pressure of furnace by rules 114 Thickness of furnace crown
Radius of do. 42" Stayed by Hemisphere Diameter of uptake 21 1/2 x 25 Thickness of uptake plates 9/16
of water tubes Plates
Front 27/32
Back 3/4
The foregoing is a correct description,
W. H. Cooper For COCHRAN & CO., ANNAN, LIMITED Manufacturer.

Do. 26/7/16 During progress of work in shops - 1916 June 17. 16 Aug. 7. 14. 21. Aug. 11
Do. 9/8/16 During erection on board vessel - Oct 21 23 24
Total No. of visits 4 10

Is the approved plan of boiler forwarded herewith Yes
Drawing No 11158

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

No. C1384 attached

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

MONTHLY ACCOUNT.

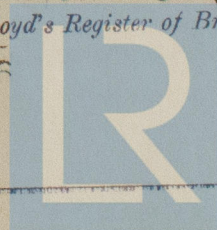
W. H. Cooper
William H. Cooper

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 15 AUG. 1916

TUE. 7-NOV. 1916

signed TRANSMIT TO LONDON



Lloyd's Register
Foundation