

## REPORT ON BOILERS.

No. 36404

Received at London Office WED. 25 OCT. 1916  
 Survey Report 19-10-16 When handed in at Local Office 19 Port of Glasgow  
 Survey held at Annan Date, First Survey 31-8-16 Last Survey 29-10-1916  
 on the Donkey boiler for T. Wellpark & Co. Dunsinno (Number of Visits 5) Gross Tons 465 Net  
 Built at Annan By whom built Cochrane & Co. (Annan) Ltd. When built 1916  
 Made at Annan By whom made Berholm & Co. (Annan) Ltd. (J. J. Berholm Mgrs) Port belonging to Greenock.

ICAL DONKEY BOILER No. 4233 Description Cochrane Patent Manufacturers of steel J. B. Steel & Co. Ltd.  
 Annan By whom made Cochrane & Co. (Annan) Ltd. When made 1916 Where fixed Stokehold Working pressure 100  
 hydraulic pressure to 200 Date of test 20-10-16 No. of Certificate 13452 Fire grate area 21.75 Description of safety valves direct spring  
 safety valves 2 Area of each 3.96 Pressure to which they are adjusted 100-16 If fitted with easing gear yes If steam from main boilers can  
 donkey boiler 10 Dia. of donkey boiler 4.0 Length 14.0 Material of shell plates 3 Thickness 17/32, 5/8 Range of tensile  
 18-32 Descrip. of riveting long. seams OR 2 Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 2 1/2, 2 3/4  
 Rating 4 1/2 Percentage of strength of joint Rivets 68.4 Working pressure of shell by rules 108 Thickness of shell crown plates 7/8, 1 1/2  
 do. 42 No. of Stays to do. Nil Dia. of stays Nil Diameter of furnace Top Radius Bottom 42 Length of furnace 44 3/4  
 of furnace plates 17/32, 7/8 Description of joint Working pressure of furnace by rules 100 Thickness of furnace crown  
 1/32 Radius of do. 36 Stayed by Humphreys Diameter of uptake 16 1/2 Thickness of uptake plates 9/16  
 of water tubes plates 3 3/4

The foregoing is a correct description,  
 For COCHRANE & CO., ANNAN, LIMITED Manufacturer.  
 G. Waller.

During progress of work in shops - 1916 Aug 31 Sept 12-27 Oct 6-13  
 During erection on board vessel - 1918 Apr 23-27 May 2  
 Total No. of visits 5

Is the approved plan of boiler forwarded herewith Yes  
 Drawing No. 9695

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

The material & workmanship is good  
 The boiler has been built under special survey in accordance with the approved plan

Survey request form

No. 1411 attached

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

MONTHLY ACCOUNT

Committee's Minute GLASGOW 24 OCT. 1916  
 Signed TRANSMIT TO LONDON

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

FRI. 17 MAY. 1918

TUE. 4 JUN. 1918

TUE. 29 OCT. 1918

FRI. 28 MAR. 1919

TUE. JUN. 22 1920

TUE. JUN. 22 1920

TUE. APR. 11 1922

Lloyd's Register Foundation

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