

## REPORT ON BOILERS.

No. 33799.

WED. APR. 1 - 1914

Date of writing Report 26-3-1914 When handed in at Local Office 28.3.1914 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 24.12.13. Last Survey 25-3-1914  
 Reg. Book. on the Donkey Boiler for S.S. "Bedale" (North of Ireland SBC 5/559 Tons } Gross  
 Master Built at Londonderry By whom built North of Ireland S.B. Co When built 1914  
 Boiler made at Annan By whom made Cochran & Co Annan Ltd When made 1914  
 Owners J. J. W. W. & Co Ltd Port belonging to West Hartlepool.

VERTICAL DONKEY BOILER No. 6417 Description Cochran Manufacturers of steel D Colville & Son  
 Made at Annan By whom made Cochran & Co When made 1914 Where fixed Household Working pressure 100  
 tested by hydraulic pressure to 200 Date of test 25-3-14 No. of Certificate 12622 Fire grate area 26.75 Description of safety valves Double, Spring loaded  
 No. of safety valves 2 Area of each 7.06 Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can  
 enter the donkey boiler No Dia. of donkey boiler 7-0 Length 14-0 Material of shell plates S Thickness 5-12 Range of tensile  
 strength 28-32 Descrip. of riveting long. seams dl Dia. of rivet holes 29-32 Whether punched or drilled d Pitch of rivets 2-92  
 Lap of plating 4-1/2 Per centage of strength of joint Rivets 68-4 Plates 68-9 Working pressure of shell by rules 108 Thickness of shell crown plates 15-7/8  
 Radius of do. 3-6 No. of Stays to do. Dia. of stays Diameter of furnace Top 3-0 Bottom Length of furnace 3-11 3/4  
 Thickness of furnace plates 12-7/8 Description of joint hemispherical Working pressure of furnace by rules 100 Thickness of furnace crown  
 plates 12-7/8 Radius of do. 3-0 Stayed by hemispherical Diameter of uptake 15x23 Thickness of uptake plates 9/16  
 Thickness of water tubes Plates F 7/8 - B 3/4

The foregoing is a correct description.  
 For COCHRAN & CO., ANNAN, LIMITED

Manufacturer.

Dates of Survey while building  
 During progress of work in shops - - 1913 Dec. 24. 1914 Jan. 6. 9. 16. 22. Feb. 16. Mar. 13. 20.  
 During erection on board vessel - - -  
 Total No. of visits 8.

Is the approved plan of boiler forwarded herewith. Yes 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.

## Survey request form

No. 1036 attached

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

MONTHLY ACCOUNT.

John H. Heck & A. McKeand  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 31 MAR. 1914

FRI. AUG. 21. 1914

Assigned TRANSMIT TO LONDON



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