

# REPORT ON BOILERS.

No. 45536

Date of writing Report 19 When handed in at Local Office 6-4-1926 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 19<sup>th</sup> Feb Last Survey 26<sup>th</sup> Mar 1926  
 Reg. Book. on the COCHRAN BOILER N° 10024. (Number of Visits 5) Gross Tons Net  
 Master                      Built at                      By whom built                      When built                       
 Boilers made at Annan By whom made Cochran & Co. Annan Ld. When made 1926  
 Owners                      Port belonging to                     

**VERTICAL DONKEY BOILER**— No. 10024 Description Cochran Type Manufacturers of steel H. Colville & Co.  
 Made at Annan By whom made Cochran & Co. Annan Ld. When made 1926 Where fixed                      Working pressure 130 lbs  
 Tested by hydraulic pressure to 245 lbs Date of test 26/3/26 No. of Certificate 7079 Fire grate area 6.75 sq ft Description of safety valves  
 No. of safety valves                      Area of each                      Pressure to which they are adjusted                      If fitted with easing gear                      If steam from main boilers can  
 enter the donkey boiler                      Dia. of donkey boiler 5'6" Length 12'3" Material of shell plates Steel Thickness 2 1/2" Range of tensile  
 strength 28/32 Descrip. of riveting long. seams D.R. L43 Dia. of rivet holes 27/32 Whether punched or drilled drilled Pitch of rivets 2.779"  
 Gap of plating 4 1/4" Per centage of strength of joint 66.2 Working pressure of shell by rules 135.6 lbs Thickness of shell crown plates 15/32"  
 Radius of do. 2'9" No. of Stays to do. none Dia. of stays                      Diameter of furnace Top Spheroid Bottom 4'9" Length of furnace                       
 Thickness of furnace plates 17/32" Description of joint no joint Working pressure of furnace by rules 154.3 lbs Thickness of furnace crown  
 plates 17/32" Radius of do. 2'4 1/2" Stayed by Spheroid Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 1/2"  
 Thickness of water tube plates Front 29/32" Back 25/32" The foregoing is a correct description, J. E. Woodman Manufacturer.

Dates                      During progress of work in shops 1926 Feb. 19 Mar. 5-12-19-26 Drawing 2° 14861.  
 Survey while building                      During erection on board vessel                       
 Total No. of visits 5 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 Special Survey in accordance with the requirements of this Society and approved plan. The materials and workmanship are good. It is intended for Messrs. Grant & Somerville of Leith. for Canal Barge for L.N.S. Railway.

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

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

Committee's Minute GLASGOW 7-APR 1926  
 signed                      TRANSMIT TO LONDON                     

