

pt. 5b.

REPORT ON BOILERS.

No. 45536

Date of writing Report _____ Received at London Office 8 APR 1926

When handed in at Local Office 6-4-1926 Port of Glasgow

No. in Survey held at Annan Date, First Survey 19th Feby Last Survey 26th Mar 1926

Reg. Book. _____ (Number of Visits 5) } Gross
 on the COCHRAN BOILER N^o 10024. } Net

Master _____ Built at _____ By whom built _____ When built _____

Boilers made at Annan By whom made Cochran & Co. Annan L^a When made 1926

owners _____ Port belonging to _____

VERTICAL DONKEY BOILER— No. 10024 Description Cochran Type Manufacturers of steel H. Colville L^{td}

Made at Annan By whom made Cochran & Co. Annan L^a 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 _____

Water the donkey boiler _____ Dia. of donkey boiler 5'6" Length 12'3" Material of shell plates Steel Thickness 2 1/2" & 9/16" Range of tensile _____

Length 28 1/2" Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 27/32" Whether punched or drilled drilled Pitch of rivets 2-7/8" & 2-3/4"

Gap of plating 4/4" Per centage of strength of joint Rivets 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 hemispherical 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 _____

Notes 17/32" Radius of do. 2'4 1/2" Stayed by hemispherical 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

Survey while building } During erection on board vessel - - }

Total No. of visits 5

Drawing No. 14861.

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.M.S. Railway.

Survey Fee £ 4:4: } When applied for, 19.....

Travelling Expenses (if any) £ : : } When received, 19.....

MONTHLY ACCOUNT

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

Committee's Minute GLASGOW 7-APR 1926

signed _____ TRANSMIT TO LONDON _____

