

## REPORT ON BOILERS.

No. 39714.

WED. MAR. 10. 1920

Received at London Office

Date of writing Report 5th March 1920 When handed in at Local Office 8.3.20 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 22/1/20 Last Survey 5th March 1920  
 Reg. Book. Donkey Boiler No 8386 of FIR PARK (Number of Visits 7) Gross 1955  
 on the Donkey Boiler No 8386 Tons 1191  
 Master W. Taylor Built at Gangamouth By whom built Gangamouth Dock Co. When built 1920  
 Boilers made at Annan By whom made Cochran & Co. Annan Ltd When made 1920  
 Owners Dunholm Shipping Co. Ltd. Port belonging to Greenock

VERTICAL DONKEY BOILER—No. 8386 Description Cochran & Co Manufacturers of steel David Colville & Sons  
 Made at Annan By whom made Cochran & Co. When made 1920 Where fixed Stokehead Working pressure 100  
 by hydraulic pressure to 200 Date of test 5/3/20 No. of Certificate 15152 Fire grate area 26 1/4 Description of safety valves Double Spring  
 safety valves 2 Area of each 706 Pressure to which they are adjusted 105 If fitted with easing gear Yes If steam from main boilers can  
 the donkey boiler No Dia. of donkey boiler 7'-0" Length 14'-0" Material of shell plates S. Thickness 7/32 Range of tensile 30340  
 th 28/32 Descrip. of riveting long. seams Lap. S.R. Dia. of rivet holes 29/32 Whether punched or drilled Drilled Pitch of rivets 2 3/4"  
 of plating 4 1/2 Per centage of strength of joint Rivets 68.4 Working pressure of shell by rules 108 Thickness of shell crown plates 7/8 1932  
 of do. 42 No. of Stays to do. None Dia. of stays ✓ Diameter of furnace Top Radius Bottom 72 Length of furnace 47 1/4 dia  
 ness of furnace plates 7/32 Description of joint Riveted Ring Working pressure of furnace by rules 100 Thickness of furnace crown  
 s 7/32 Radius of do. 36 Stays by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16  
 ness of water tubes plates 7/8 B 3/4

The foregoing is a correct description,  
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
 W. O. Gray

Dates { During progress of work in shops— 1920 Jan 22-30 Feb 6. 13-20-24. Mar 5  
 Survey while building { During erection on board vessel — ✓  
 Total No. of visits 7

Drawing No 9695

Is the approved plan of boiler forwarded herewith Yes

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

The Boiler has been built under special survey.

The workmanship &amp; materials are good.

The boiler is to the order of Cooper &amp; Greig, Dundee for Hughes No 208

Boiler now securely fitted in Stokehead  
 Compression Rings fitted P 1/4" S 7/16"

Survey request form:

No. C1704 attached

Survey Fee ... £ 2 : 2 : When applied for. 10  
 Travelling Expenses (if any) £ : : When received, 10

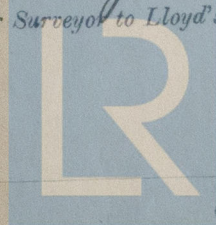
Committee's Minute

GLASGOW 9 MAR 1920

Assigned

TRANSMIT TO LONDON

Peter W. Greig & W. Gordon Muirhead  
 Engineer Surveyors to Lloyd's Register of Shipping.



Lloyd's Register

Foundation