

# REPORT ON BOILERS.

Uln No. 12203.  
No. 37825.

Received at London Office FRI 24 MAY 1918

Writing Report 18th May 1918 When handed in at Local Office 10 Port of Glasgow  
Survey held at Annan Date, First Survey 12/4/18 Last Survey 15th May 1918  
Book. on the Donkey Boiler for Four Concrete Seagang Barge "CRETETREE" (Number of Visits 10.) Gross Net  
Built at Aberdeen By whom built The Aberdeen Concrete S.B. Co. When built 1919.  
Made at Annan By whom made Cochran & Co Annan Ltd When made 1918  
Manager Sir Ernest Glover London Port belonging to London

**VERTICAL DONKEY BOILER**— No. 7865 Description Cochran Manufacturers of steel Glasgow J. & S. Co  
at Annan By whom made Cochran & Co When made 1918 Where fixed below upper deck Working pressure 150  
by hydraulic pressure to 300 Date of test 15-5-18 No. of Certificate 1428 Fire grate area 13 1/2 Description of safety valves direct spring  
safety valves 2 Area of each 4 1/2 sq ft Pressure to which they are adjusted 150 lbs If fitted with easing gear yes If steam from main boilers can  
the donkey boiler Dia. of donkey boiler 5'0" Length 11'3" Material of shell plates steel Thickness 9/16" + 5/8" Range of tensile  
th 28/32 Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 29/32 Whether punched or drilled drilled Pitch of rivets 2 1/2"  
of plating 4 1/2" Per centage of strength of joint Rivets 71 Plates 67 Working pressure of shell by rules 160 Thickness of shell crown plates 1/2" + 3/4"  
s of do. 30" No. of Stays to do. 1 Dia. of stays Diameter of furnace Top Radius Bottom 51" Length of furnace 35"  
ness of furnace plates 9/16" + 3/4" Description of joint Working pressure of furnace by rules 155 Thickness of furnace crown  
9/16" Radius of do. 25 1/2" Stayed by Hemispherical Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 9/16"  
ness of water tubes plates  
Front 29/32  
Back 23/32

The foregoing is a correct description,  
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.  
H.C. Woodham

During progress of work in shops 1918 Apr 12-17, 19, 24-26 May 1, 3, 8, 10, 15.  
During erection on board vessel  
Total No. of visits 10.

Is the approved plan of boiler forwarded herewith no

Drawing No 11661 sent with Glasgow Report No 37771

**GENERAL REMARKS** (State quality of workmanship, opinions as to class, &c.) The material & workmanship  
is good.  
The boiler has been built under special survey.

This boiler has now been fitted on board the above named vessel, and tried under  
team with satisfactory results, and is now in good order and eligible in my  
opinion for the notation. **D.B.19.**

Ridley Towell.

Survey request form

C1533 attached to SLs Dpt no 3744/1.

Survey Fee £ 6 : 6 : } When applied for, 16/5/19 19  
Travelling Expenses (if any) £ : : } When received, 16/5/19 19

Committee's Minute GLASGOW. 23 MAY 1918  
signed TRANSMIT TO LONDON

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

23 MAY 1918 TUE MAY 13 1919