

REPORT ON BOILERS.

No. 38081

Received at London Office WED. 28. AUG. 1918
 Date of writing Report 24th Aug 1918 When handed in at Local Office 19 Port of Glasgow
 No. in Survey held at Annan & Berton in Turners Date, First Survey 21/8/18. Last Survey 23rd August 1918
 Reg. Book. on the Donkey Boiler for two concrete sea-going Barge "Creteguard" Tons 10 Gross
 Built at By whom built When built
 Boilers made at Annan By whom made Cochran & Co Annan Ltd When made 1918
 Port belonging to

VERTICAL DONKEY BOILER No. 7879 Description Cochran Manufacturers of steel Glasgow J. & L. Co
 Made at Annan By whom made Cochran & Co When made 1918 Where fixed Working pressure 160
 Tested by hydraulic pressure to 300 Date of test 23-8-18 No. of Certificate 14425 Fire grate area 138 Description of safety valves Spring loaded
 No. of safety valves 2 Area of each 3.14 Pressure to which they are adjusted 153 lbs If fitted with easing gear Yes. If steam from main boilers can
 for the donkey boiler Dia. of donkey boiler 5'-0" Length 11'3" Material of shell plates steel Thickness 7/16 + 5/8 Range of tensile
 strength 28/32 Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 3/8 Whether punched or drilled drilled Pitch of rivets 2.75"
 Thickness of plating 4 1/2 Per centage of strength of joint Rivets 71.0 Plates 67.0 Working pressure of shell by rules 160 Thickness of shell crown plates 1/2 + 5/16
 Radius of do. 30 No. of Stays to do. nil Dia. of stays Diameter of furnace Top Radius Bottom 51 Length of furnace 35
 Thickness of furnace plates 7/16 + 5/16 Description of joint Working pressure of furnace by rules 165 Thickness of furnace crown
 plates 7/16 Radius of do. 25 1/2 Stayed by Hemispherical Diameter of uptake 13" x 19 1/2 Thickness of uptake plates 7/16
 Thickness of water tubes plates
 Front 29/32
 Back 23/32
 The foregoing is a correct description,
 For COCHRAN & CO., ANNAN, LIMITED
 H.C. Woodham Manufacturer.

Dates During progress of work in shops - 1918 June 21, 26, 28. July 5, 26. Aug 2, 7, 9, 16, 23.
 Survey while building During erection on board vessel - April 19, 1, 2, 3, 11, 15, 16, 29, May 1, 6, 8, 15, 26.
 Total No. of visits 10 at Berton. 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.

Survey request form
 No. 1533 attached to Eds Rpt no 341/4/1.

The boiler described above has been efficiently fitted on board this vessel, and its safety valves have been adjusted under steam to 153 lbs per sq inch.
 John Houston

Survey Fee ... £ 6 : 6 :
 Travelling Expenses (if any) £ 3 : 3 :
 When applied for, 27/8/18
 When received, 16/9/18

Committee's Minute GLASGOW 27 AUG 1918
 Assigned TRANSMIT TO LONDON
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
 H. Copeman
 FRI JUN 6 1919
 FRI JUN 14 1919
 TUE 17 JUN 1919
 FRI 20 JUN 1919
 Lloyd's Register Foundation
 006760-006771-0040