

Crestland

REPORT ON BOILERS.

No. 81203

11 OCT 1918 Lib. Rpt. No. 17587

t. 5b.

Date of writing Report Sept. 23rd 1918 When handed in at Local Office 11 OCT 1918 Port of London
 No. in Survey held at Hitchin Date, First Survey Aug 28th 1918 Last Survey Sept. 20th 1918
 Reg. Book. Spence's Hopwood Boilers for 1000 ton bags No. of Visits 3 Gross 704.44 Net 657.77
 on the CRETEHIGHWAY. Tons
 Built at Greenock. By whom built The Scottish Concrete Ship Co. Ltd. When built 1919.
 Boilers made at Hitchin By whom made W. H. Spence & Co. When made 1919
 Port belonging to London.

VERTICAL DONKEY BOILER — No. LL4 Description Spence's Hopwood Manufacturers of steel Leds Forge Co.
 Made at Hitchin By whom made W. H. Spence & Co. When made 1918 Where fixed House. Aft. Working pressure 150 lbs
 Tested by hydraulic pressure to 300 Date of test 20.9.18 No. of Certificate 1187 Fire grate area 12.5 sq ft Description of safety valves Spring loaded
 No. of safety valves Two Area of each 3.14 sq in Pressure to which they are adjusted 150 If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler ✓ Dia. of donkey boiler 4'-6 1/4" Length 10'-3" Material of shell plates Steel Thickness 1/2" Range of tensile
26-30 Descrip. of riveting long. seams b.R. lap Dia. of rivet holes 7/8" Whether punched or drilled drilled Pitch of rivets 2 7/8"
 Rivets 70.8 Working pressure of shell by rules 168 Thickness of shell crown plates 1/16"
 Plates 69.4 Dia. of stays ✓ Diameter of furnace Top 9" Bottom 4'-2 3/4" Length of furnace 24"
 Description of joint welded Working pressure of furnace by rules 160 Thickness of furnace crown
1/16" Radius of do. flat Stayed by ✓ Diameter of uptake 1'-6" Thickness of uptake plates 3/4"
 No. of water tubes no. 10 f.w.s.
 The foregoing is a correct description,
W. H. Spence & Co. Manufacturer.

During progress of work in shops — Aug 28, Sep 6, 20 (1918)
 During erection on board vessel — Emb. — (1918) Oct. 17 (1919) Jan. 23, Mar. 12, Apr. 1, June 4, Oct. 13, 30, Nov. 17, 19, Dec. 4: — 10.
 Total No. of visits 3 Is the approved plan of boiler forwarded herewith Previously forwarded

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
 This boiler has been built under Special Survey and accordance with the approved plan.
 The material has been manufactured by The Leeds Forge Co. and tested by the Society's Surveyors.
 The workmanship is good and the boiler was tested by hydraulic pressure to 300 lbs per sq in and was found tight and sound.
 Copies of the description of this boiler will be sent to this office.
 This boiler is ^{now} efficiently fitted in the vessel, under Special Survey. The safety valves were seen adjusted under steam to 150 lbs per square inch — thickness of washers 1/32" Aft 1/32" — and the pumps & sea connections are in order.

A. H. Weston
 Surveyor
 Greenock. 4th 1919.

It is submitted that this vessel is eligible for **THE RECORD** + D.B. 12.19 150lb.

Survey Fee £3/3/0 9 9 When applied for 11/11 19 20
 Travelling Expenses (if any) £6/6/0 When received 16/11 19 20

J. P. Arnold
 Engineer, Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 16 DEC 1919**
 signed + NDB 12.19 - 150lb. W. H. M.

