

REPORT ON BOILERS.

No. 20,588

Sldapt No 23853

IHUK. 8 OCT 1908

WED. 21 OCT 1908

Date of writing Report *7th Oct* 1908 When handed in at Local Office *7th Oct* 1908 Port of *Hull + Sunderland*
 No. in Survey held at *Goole* Date, First Survey *Aug 31st* Last Survey *2nd Oct* 1908
 Reg. Book. on the *Donkey Boilers for s/s Clara* (Number of Visits *10*) Gross *841.82* Tons Net *343.90*
 Master *J. Bloude* Built at *Sunderland* By whom built *Messrs J. Crown + Sons* When built *1908*
 Boilers made at *Goole* By whom made *Messrs Webster Buckerton* When made *1908*
 Owners *Gandel en Scheepvaart Societe Anonyme* Port belonging to *Nieuport*

VERTICAL DONKEY BOILER No. *1* Description *Vert. 3 tubes Manufacturers of steel Steel G of Scotland*
 Made at *Goole* By whom made *Messrs Webster Buckerton* When made *1908* Where fixed *in stockhold* Working pressure *80 lbs*
 tested by hydraulic pressure to *160 lbs* Date of test *2.10.08* No. of Certificate *1671a* Fire grate area *24^{ft}* Description of safety valves *Spring Patent*
 No. of safety valves *2* Area of each *4.91* Pressure to which they are adjusted *80 lbs* If fitted with easing gear *Yes* If steam from main boilers can enter the donkey boiler *No.* Dia. of donkey boiler *6'-6"* Length *11'-0"* Material of shell plates *Steel* Thickness *1/2"* Range of tensile strength *28-32* Descrip. of riveting long. seams *L. D.* Dia. of rivet holes *5/8"* Whether punched or drilled *punched* Pitch of rivets *3 1/2"*
 Lap of plating *4 1/2"* Per centage of strength of joint *Rivets 65.28* Working pressure of shell by rules *102 lbs* Thickness of shell crown plates *1/16"*
 Radius of do. *flat* No. of Stays to do. *8* Dia. of stays *2 1/4"* Diameter of furnace Top *4'-11 1/2"* Bottom *5'-8 1/2"* Length of furnace *4'-9"*
 Thickness of furnace plates *9/16"* Description of joint *Lap. S. R.* Working pressure of furnace by rules *87 lbs* Thickness of furnace crown plates *1/16"* Radius of do. *flat* Stayed by *8 - 2 1/4" stays* Diameter of uptake *16" + 17"* Thickness of uptake plates *1/2"*
 Thickness of water tubes *3/8"*

The foregoing is a correct description.

Webster + Buckerton Manufacturer.

Dates of Survey while building { During progress of work in shops -- } *1908: Aug 31. Sep 3, 4, 8, 11, 12, 15, 22, 28 Oct 2.*
 { During erection on board vessel -- } *Oct 7, 8, 10, 13, 14 at Sunderland*
 Total No. of visits *10* 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 Rules, the materials and workmanship are sound and good. the boiler tested by hydraulic pressure found satisfactory, and has now been sent to Sunderland to be fitted on board.*

This Boiler has been satisfactorily fitted on board and the safety Valves adjusted under steam

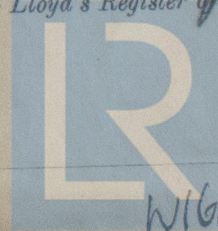
Survey Fee ... £ *2* : *2* : } When applied for. *7.10.1908*
 Travelling Expenses (if any) £ : *19* : } When received. *9.10.1908*

James Barclay + W. Coomber
 Engineer Surveyors to Lloyd's Register of British and Foreign Shipping.

FRI. 23 OCT 1908

Committee's Minute

Assigned



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WIGHAM FOUNDATION

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