

Cretesurf

5b.

# REPORT ON BOILERS.

No. 82647

Received at London Office 27 SEP 1919  
Port of London  
Date, First Survey 3rd Sept. Last Survey Sept. 19th 1919  
No. in Survey held at 10/19  
Reg. Book. 10/19  
on the *Stenees & Wood Boilers for 1000 tons Concrete Barge.*  
Built at *Stitchins* By whom built *W. H. Spencer & Co.* When built 1919  
Boiler made at *Stitchins* By whom made *W. H. Spencer & Co.* When made 1919  
Port belonging to

VERTICAL DONKEY BOILER— No. 12521-6 Description *Stenees & Wood* Manufacturers of steel *The Leeds Forge Co.*  
Made at *Stitchins* By whom made *W. H. Spencer & Co.* When made 1919 Where fixed *House, Afr* Working pressure 150 lb.  
Tested by hydraulic pressure to 300 Date of test 19.9.19 No. of Certificate 1210 Fire grate area 12<sup>sq</sup> Description of safety valves *Spring loaded*  
No. of safety valves 2 Area of each 3.14 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  
strength 26-30 Descrip. of riveting long. seams *SR lap* Dia. of rivet holes 7/8 Whether punched or drilled *drilled* Pitch of rivets 2 7/8  
Gap of plating 1/4 Per centage of strength of joint Rivets 70-8 Working pressure of shell by rules 168 Thickness of shell crown plates 1/4  
Radius of do. *flat* No. of Stays to do. Dia. of stays Diameter of furnace Top 9 Bottom 4-2 1/2 Length of furnace 24  
Thickness of furnace plates 7/8 Description of joint *welded* Working pressure of furnace by rules 160 Thickness of furnace crown  
plates 1/16 Radius of do. *flat* Stayed by Diameter of uptake 18 Thickness of uptake plates 3/4  
Thickness of water tubes *40.10*

The foregoing is a correct description,  
*W. H. Spencer & Co.* Manufacturer.

Dates During progress of work in shops - 1919 - Sep 3. 12. 17. 19  
of Survey During erection on board vessel - See attached machinery report  
while building Total No. of visits 4

Is the approved plan of boiler forwarded herewith

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

This boiler has been built under Special Survey and in 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 lb per sq in.

Survey Fee ... £ 6-6-6  
Travelling Expenses (if any) £ : :  
When applied for, 10/2/1920  
When received, 16.4.20

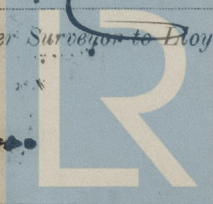
TUE FEB. 3 - 1920

Committee's Minute

Assigned

+ DB 1.20

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

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