

# REPORT ON BOILERS.

No. 28452

21 JAN 1928

Date of writing Report *Jan. 10 1928* When handed in at Local Office *Jan. 10 1928* Port of *New York*  
 No. in Survey held at *Kearny h.f.* Date, First Survey *3 July '25* Last Survey *17 Dec. 1927*  
 Reg. Book. *268* on the *Steel Tr. Co. Dr. "J. A. Moffett, Jr."* (Number of Visits *5*) Tons { Gross *9563* Net *5978*  
 Master *Standard Oil Co. (N.Y.C.)* Built at *Kearny h.f.* By whom built *Federal S. & H. Co.* When built *1921*  
 Owners *Standard Oil Co. (N.Y.C.)* By whom made *Federal S. & H. Co.* When made *1926*  
 Port belonging to *New York Wilmington, Del.*

**HEATING.**  
**VERTICAL DONKEY BOILER**— No. *483* Description *Vertical Fire Tubes* Manufacturers of steel *Carnegie Steel Co.*  
 Made at *Kearny h.f.* By whom made *Federal S. & H. Co.* When made *1926* Where fixed *IN ENG. ROOM* Working pressure *100*  
 Tested by hydraulic pressure to *200* Date of test *1926* No. of Certificate *483* Fire grate area *118 sq. ft.* Description of safety valves *Single*  
 No. of safety valves *1-2* Area of each *3' 14"* Pressure to which they are adjusted *118 lb.* If fitted with easing gear *yes* If steam from main boilers can  
 enter the donkey boiler *no* Dia. of donkey boiler *4' 7"* Length *9-2 1/2"* Material of shell plates *OH. Steel* Thickness *400* Range of tensile  
 strength *68740* Descrip. of riveting long. seams *D. R. LAP.* Dia. of rivet holes *13/16* Whether punched or drilled *drilled* Pitch of rivets *2 1/2"*  
 Thickness of plating *4"* Per centage of strength of joint *91* Working pressure of shell by rules *118 lb.* Thickness of shell crown plates *1/2"*  
 Radius of do. *1/2"* No. of Stays to do. *6* Dia. of stays *3/4"* Diameter of furnace Top *3' 11"* Bottom *3' 11"* Length of furnace *4' 0"*  
 Thickness of furnace plates *1/2"* Description of joint *S. R. Lap.* Working pressure of furnace by rules *100.5* Thickness of furnace crown  
 plates *1/2"* Radius of do. *1/2"* Stayed by *tubes* Diameter of uptake *16"* Thickness of uptake plates *8 USS 9*  
 Thickness of **FIRE** tubes *11. BH 9*

The foregoing is a correct description,

*Federal S. & H. Co.* Manufacturer.  
*Wm. H. Haller Supt. of Machinery*

Dates { During progress of work in shops - *1925- July 3, 15-1926- Jan. 13*  
 { During erection on board vessel - *1927- 31 Sept. 27 Dec.*  
 Total No. of visits *5*

Is the approved plan of boiler forwarded herewith *yes*

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

This vertical boiler has been built under Special Survey in accordance with the Rules + approved plans, + tested in accordance with the Rules, + the workmanship + material are good.

It has now been fitted on board the vessel but is to be used for heating purposes only, + the Owners did not wish to raise steam on it. The safety valves were therefore not adjusted, + in view of the boiler being for heating only it is submitted that this might be agreed to by the Committee.

This report is respectfully submitted for information of the Committee

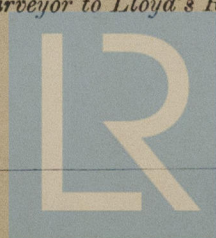
Survey Fee ... £ *\$45.00* When applied for, *13/11* 19 *28*  
 Travelling Expenses (if any) £ : : When received, 19

*A. Mac Watt*

*John S. Heck*

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *NEW YORK JAN 11 1928*  
 assigned *Transmit to London*



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