

REPORT ON BOILERS.

No. 2896

MON. OCT. 14, 1918

REC'D NEW YORK *Sept. 19, 1918*

Received at London Office

Date of writing Report *July 3 1918* When handed in at Local Office

101 Port of *Philadelphia*

No. in Survey held at *Phoenixville Pa.*

Date, First Survey *May 24-1918*

Last Survey *June 28*

1918

Reg. Book.

on the *four main boilers for Los Angeles S.B. & E.D. Co. Hull No 6*

(Number of Visits *None*)

Tons } Gross
Net

Master Built at By whom built When built

Engines made at By whom made When made

Boilers made at *Phoenixville Pa.* By whom made *Heine Safety Boiler Co* When made *1918*

Registered Horse Power Owners *United States Shipping Board* Port belonging to

Water tube
MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY—Manufacturers of Steel *Illinois Steel Co.*

(Letter for record *S*) Total Heating Surface of Boilers *2900 sq ft* Is forced draft fitted No. and Description of

Boilers *Four main water tube (Heine)* Working Pressure *200* Tested by hydraulic pressure to *400* Date of test *21-6-18*

No. of Certificate *202* Can each boiler be worked separately Area of fire grate in each boiler No. and Description of

safety valves to each boiler Area of each valve Pressure to which they are adjusted

Are they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers or woodwork Mean dia. of *drums* *4'-0" 17/32* Length *15'-0"*

Material of shell plates *S* Thickness *17/32* Range of tensile strength *60000 min* Are the shell plates welded or flanged *No.*

Descrip. of riveting: cir. seams *single* long. seams *D.R. & B.S.* Diameter of rivet holes in long. seams *17/16* Pitch of rivets *3 7/8 & 7 3/4*

Lap of plates or width of butt straps *16 3/4* *0 10 3/4* Per centages of strength of longitudinal joint rivets *98.5* Working pressure of shell by

rules *242* Size of manhole in shell Size of compensating ring *flanged* No. and Description of Furnaces in each

boiler Material *11 x 15* Outside diameter Length of plain part top Thickness of plates crown

Description of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules bottom *11 x 15* *Combustion chamber*

plates: Material Thickness: Sides Back Top Bottom Pitch of stays to ditto: *front* *Sides and Back 5" x 7"*

Top If stays are fitted with nuts or riveted heads *riveted* Working pressure by rules *250* Material of stays *S* Diameter at

smallest part *1 9/16 3/4* Area supported by each stay *35 sq* Working pressure by rules *267* End plates in steam space: Material *S* Thickness *3/4*

Pitch of stays How are *ends* secured *disht* Working pressure by rules *242* Material of stays *S* Diameter at smallest part

Area supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of

Lower back plate Thickness Greatest pitch of stays Working pressure of plate by rules Diameter of tubes *3 1/2* *dia*

Pitch of tubes *4 2/3 x 7"* Material of tube plates *S* Thickness: Front *17/32* Back *17/32* Mean pitch of stays Pitch across wide

water spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of

girder at centre Length as per rule Distance apart Number and pitch of Stays in each

Working pressure by rules Superheater or Steam chest; how connected to boiler Can the superheater be shut off and the boiler worked

separately Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet

holes Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness

If stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed

Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

The foregoing is a correct description,
Heine Safety Boiler Co. Manufacturer.
29 10/18

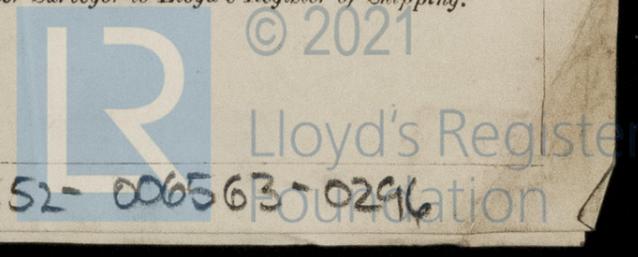
Dates of Survey } During progress of *24-5, 29-5, 31-5, 5-6, 7-6, 12-6, 14-6, 21-6, 28-6* Is the approved plan of boiler forwarded herewith *retained*
while } During erection on }
building } board vessel - - - } Total No. of visits

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) *These boilers have been made under special survey & in accordance with Lloyds rules. The materials & workmanship are good & the boilers have been shipped to Los Angeles to be installed in the vessel. San Francisco surveyors have been advised to complete the survey.*

Credit Phila office with 1/3 of total fee
Survey Fee ... £ : When applied for, *191*
Travelling Expenses (if any) *£10 00* : When received, *14/10/18*

Jas McDermott
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York SEP 24 1918
Assigned *See S.F. Rpt 2823*



006552-006563-0296