

REPORT ON WATER TUBE BOILERS.

No. 8807

Received at London Office.

13 JUN 1949

Report made on 2nd March 1949. When handed in at Local Office 25th March 1949. Port of Baltimore, Maryland.
Survey held at Baltimore. Date, First Survey May 13th. Last Survey December 23rd, 1948
on the M.V. "ANNA SALEN" (ex "ARCHER") (Number of Visits 3) Tons { Gross 7840
Are Chester, Pa. By whom built Sun S.B. and D.D. Co.; Net 4635
at St. Louis, Mo. By whom made Busch Sulzer When built 1940
at New York By whom made Foster Wheeler Corp. When made 1940
Power Owners Sven Salen When made 1940
Port belonging to Stockholm

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel: Bethlehem Steel Co;

Number and Description or Type
One oil fired and waste heat Working Pressure 100 lbs. Tested by Hydraulic Pressure to 200 lbs. Date of Test 1940

Can each boiler be worked separately? No Total Heating Surface of Boilers 996 (oil) 3600 (heat)

Area of fire grate (coal) in each Boiler: One—Todd Hexpress
No. and description of safety valves on

Two, Crosby high lift 4" Area of each set of valves per boiler { per rule - as fitted 2.8526sq. ins. Pressure to which they

100 lbs. Are they fitted with easing gear Yes In case of donkey boilers state whether steam from main boilers can enter

Smallest distance between boilers or uptakes and bunkers or woodwork Not close Height of boiler 14' 4"

Steam Drums:—Number in each boiler one Inside diameter 36"

Range of Tensile Strength - Are drum shell plates welded

If fusion welded, state name of welding firm Foster Wheeler Corp; Have all the requirements of the rules

Description of riveting:—Cir. seams - long. seams -

Pitch of rivets - Thickness of straps - Percentage strength of

Diameter of tube holes in drum - Pitch of tube holes -

Steam Drum Heads or Ends:—Range of tensile strength -

Size of manhole or handhole 12"x16" Water Drums:—Number

Radius or how stayed Radius - Are drum shell plates

Thickness of plates - Range of tensile strength - Have all the requirements of the rules

Description of riveting:—Cir. seams - long. seam -

Pitch of rivets - Thickness of straps -

Diameter of tube holes in drum - Pitch of tube holes -

Water Drum Heads or Ends:—Range of Tensile strength -

Size of manhole or handhole -

Radius or how stayed -

Thickness - Range of tensile strength -

Number, diameter, and thickness of tubes -

Date of Test - Is a safety valve fitted to each section of the superheater which

No. and description of Safety Valves - Area of each set

Pressure to which they are adjusted - Is easing gear fitted -

Has the spare gear required by the rules been supplied Yes

The foregoing is a correct description,

Manufacturer.

During progress of work in shops - Is the approved plan of boiler forwarded herewith -
During erection on board vessel - Total No. of visits -

If so, state vessel's name and report No. -

REMARKS (State quality of workmanship, opinions as to class, &c.) The water tube waste heat and oil fired boiler herewith has been examined throughout and found to be in good condition and of sound workmanship.

It is the opinion of the undersigned that this boiler is eligible to be classed with this Society with a record of \$ 12.48

When applied for, 31st March 1949
When received, - 19

NEW YORK MAY 25 1949

Engineer Surveyor to Lloyd's Register of Shipping.

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