

REPORT ON WATER TUBE BOILERS.

No. 18287
-8 APR 1929

Received at London Office

Report 4-4-1929 When handed in at Local Office 19 Port of Rotterdam
 Survey held at Schiedam Date, First Survey 3-0-20 Last Survey 9-3-1929
 on the Steel Twin Sc. "STATENDAM" (Number of Visits 14) Gross Tons }
 Built at Belfast & Schiedam By whom built Holland, Wolff & Wilton Eng. When built 1928-29 Net
 Made at Belfast By whom made B When made
 Made at Belfast & Schiedam By whom made S. When made
 Horse Power 4644. Owners Nedel. Amurika. Stooms. Mij. Holland America Rijn Port belonging to Rotterdam.

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel

Record () Date of Approval of plan Working Pressure Tested by Hydraulic Pressure to 700 lb. Date of Test 7-14-28
 Certificate 899-900-902 Can each boiler be worked separately Total Heating Surface of Boilers 42,960 sq ft
 Draught fitted Yes Area of fire grate (coal) in each Boiler Total grate area of boilers in vessel including
 Auxiliary No. and type of burners (oil) in each boiler No. and description of safety valves on
 Area of each valve Pressure to which they are adjusted 430 lb.
 Fitted with easing gear Yes In case of donkey boilers state whether steam from main boilers can enter the donkey boiler no
 Distance between boilers or uptakes and bunkers or woodwork 6' Height of Boiler Width and Length
 Tubes:—Number in each boiler Inside diameter Material of plates Thickness
 Tensile Strength Are drum shell plates welded or flanged Description of riveting:—
 long. seams Diameter of rivet holes in long. seams Pitch of Rivets
 State or width of butt straps Thickness of straps Percentage strength of long. joint:—Plate Rivet
 No. of tube holes in drum Pitch of tube holes Percentage strength of shell in way of tubes
 Has a flat side state method of staying Depth and thickness of girders at centre
 Distance apart Number and pitch of stays in each Working pressure
Steam Drum Heads or Ends:—Material Thickness Radius or how stayed
Manhole or Handhole **Water Drums:—Number in each boiler** Inside Diameter
 Thickness Range of tensile strength Are drum shell plates welded
 Description of riveting:—Cir. seams long. seams Diameter of Rivet Holes in
 Pitch of rivets Lap of plates or width of butt straps Thickness of straps
 Percentage strength of long. joint:—Plate Rivet Diameter of tube holes in drum Pitch of tube holes
 Percentage strength of drum shell in way of tubes **Water Drum Heads or Ends:—Material** Thickness
 How stayed Size of manhole or handhole **Headers or Sections:—Number**
 Thickness Tested by Hydraulic Pressure to Material of Stays
 Smallest part Area supported by each stay Working Pressure by Rules **Tubes:—Diameter**
 Number **Steam Dome or Collector:—Description of Joint to Shell**
 Percentage strength of Joint Diameter Thickness of shell plates Material
 Diameter of Rivet Holes Pitch of Rivets Working Pressure of shell
Crown or End Plates:—Material Thickness How stayed
WATER. Type Date of Approval of Plan Tested by Hydraulic Pressure to 700 lb.
 Is a safety valve fitted to each section of the superheater which can be shut off from the Boiler Yes
 Pressure to which each is adjusted 435 lb. Is easing gear fitted Yes
 cock or valve fitted at lowest point of superheater Yes Number, diameter, and thickness of tubes
 Tubes III. diff. Gaskets or joints:—Manhole Handhole 2376 Handhole plates 40.

The foregoing is a correct description,

Manufacturer.

During progress of work in shops -- 3-24/ 4-14-29/ 11-20-30/ 0-30/ 4-14/ Is the approved plan of boiler forwarded herewith No.
 During erection on board vessel --- 6-9-29/ 10- 11- 12-28/ Total No. of visits 14.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The boilers have been made in accordance with the Society's Rules, app. plans and Secretary's letters and as required and found sound and tight.

Fee ... £ See machinery } When applied for, 19
 Shipping Expenses (if any) £ : report : } When received, 19

J. J. De Groot C. H. Bourse
 Engineer Surveyor to Lloyd's Register of Shipping.

tee's Minute TUE. 9 APR 1929
 see minute on Rot Rpt 18287

