

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 Net
Built at Belfast & Schiedam By whom built Holland, Wolff & Wilton Eng. When built 1928-29
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.

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

Record Date of Approval of plan Working Pressure Tested by Hydraulic Pressure to 700 H. 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 H.
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
Pitch of tube holes Percentage strength of long. joint:—Plate Rivet
Percentage strength of shell in way of tubes
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
Strength of Joint Diameter Thickness of shell plates Material
of longitudinal joint Diameter of Rivet Holes Pitch of Rivets Working Pressure of shell
Crown or End Plates:—Material Thickness How stayed
Type Date of Approval of Plan Tested by Hydraulic Pressure to 700 H.
est 31-11-20 Is a safety valve fitted to each section of the superheater which can be shut off from the Boiler Yes
of Safety Valve Pressure to which each is adjusted 435 H. Is easing gear fitted Yes
cock or valve fitted at lowest point of superheater Yes Number, diameter, and thickness of tubes
ear. Tubes 111. 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/ 7-14-28/ 11-20-30/ 8-30/ 7-14/ Is the approved plan of boiler forwarded herewith no.
During erection on board vessel -- 10- 11- 12-28/ Total No. of visits 14.
6-9-29

AL 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
as required and found sound and tight.

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

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

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