

LOW PRESSURE STEAM GENERATOR (UNFIRED)
REPORT ON WATER TUBE BOILERS.

No.

Received at London Office

Reporting Report 9th Nov. 19 53 When handed in at Local Office 10th Nov. 19 53 Port of QUEBEC, P.Q.

Survey held at Lauzon, P.Q. Date, First Survey 15th September Last Survey 9th November 19 53

on the Steel Single Screw Steamer (Tanker) "ANDROS VENTURE" (Number of Visits 5) Gross 17845

Lauzon, P.Q. By whom built Davie S. B. & Rprg. Co. Ltd. Yard No. 595 When built 1953

Lynn, Mass. By whom made General Electric Co. Engine No. 97873 When made 1953

By whom made Boiler No. When made

Horse Power Owners Andros Shipping Limited Port belonging to Montreal.

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

Approval of plan 29-2-53 No. and Description or Type

Low Pressure Steam Generator Working Pressure 125 lbs. Tested by Hydraulic Pressure to 300 lbs. Date of Test 13-3-53

Can each boiler be worked separately one only Total Heating Surface of Boilers 355 sq. ft.

Area of Fire Grate (coal) in each Boiler L. P. Steam Generator Unfired

No. and description of safety valves on

Two - 4 inch Angle relief Valves Area of each set of valves per boiler

125 P.S.I. 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 17' - 0" Height of boiler -

Steam Drums: Number in each boiler one Inside diameter 4' - 5" ✓

Range of tensile strength 55000. to 65000 lbs. ✓ Are drum shell plates welded

Bethlehem Steel Co., U.S.A. ✓ Have all the requirements of the Rules

Description of riveting: Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

Steam Drum Heads or Ends: Range of tensile strength

Size of manhole or handhole 16" x 12" ✓ Water Drums: Number

Range of tensile strength Are drum shell plates

Have all the requirements of the Rules

Description of riveting: Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

Water Drum Heads or Ends: Range of tensile strength

Size of manhole or handhole Tested by hydraulic pressure to

Number Thickness Number Steam Dome or Collector: Description of

Outside Tube Plate 3'-2 7/8" ✓ Thickness of shell plates I.S. tube plate 2" ✓ Range of tensile

Inside Tube Plate Inside diameter 2'-5 9/16" ✓ If fusion welded, state name of welding

Description of longitudinal joint

Have all the requirements for the Rules for Class I vessels been complied with Diameter of rivet holes

Thickness of straps Percentage strength of long. joint plate rivet

Radius or how stayed

Range of tensile strength Thickness

Are drum shell plates welded

Have all the requirements of the Rules

Description of riveting: Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

Pitch of tube holes Percentage strength of

Drum Heads or Ends: Thickness Range of tensile strength

Number, diameter, and thickness of tubes

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

Area of each set

Is easing gear fitted

Pressure to which they are adjusted

As specified.

Gear. Has the spare gear required by the Rules been supplied. As specified.

DAVIE SHIPBUILDING & REPAIRING CO. LTD. The foregoing is a correct description,

Manufacturer.

Is the approved plan of boiler forwarded herewith No

During progress of work in shops Continuous

During erection on board vessel 1953 Sept. 15; Oct. 16, 23; Nov. 3, 9. Total No. of visits 5

boiler a duplicate of a previous case Yes If so, state vessel's name and report No. N. Yk 52229 S/S "CHRYSSI"

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. Please see attached N.Yk Rpt. No. 52405.

Low Pressure Steam Generator has now been installed in this Vessel in accordance with the Approved Plan and the

of this Society and tried under full working conditions with satisfactory results. The Safety Valves have been ad-

under steam to 125 lbs. and locking nuts hardened up. The workmanship and materials are good.

Survey Fee ... : : When applied for 19

Travelling Expenses (if any) £ : : When received 19

Engineer Surveyor to Lloyd's Register of Shipping.

FRIDAY 11 JUN 1954

Date

tee's

ate

See Rpt. 4a

012027-012031-0074

Lloyd's Register
Foundation