

REPORT ON WATER TUBE BOILERS.

No. 135046

Received at London Office

23 APR 1952

Rating Report 4-4-1952 When handed in at Local Office 10-4-1952 Port of LIVERPOOL

Survey held at Birkenhead Date, First Survey 7/9/50 Last Survey 17/3/1952

(Number of Visits) Gross 12741

Net 7395

By whom built Cannell, Laird & Co. Ltd Yard No. 1206 When built 1952

By whom made Cannell, Laird & Co. Ltd Engine No. 1206 When made 1952

By whom made Cannell, Laird & Co. Ltd Boiler No. 1206 When made 1952

Owners Yacimientos Petroliferos Fiscales Port belonging to Buena Vista

Horse Power 4

MANUFACTURERS OF STEEL Colvile, Ltd

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.

Approval of plan 22-6-49 re. Working Pressure 4.80 lb. Tested by Hydraulic Pressure to 793 lb. Date of Test 29-6-51

Certificate 2805, 2806 Can each boiler be worked separately Yes Total Heating Surface of Boilers 10,938 sq. ft. 1680 sq. ft.

draught fitted Yes Area of Fire Grate (coal) in each Boiler

type of burners (oil) in each boiler 4 Wellhead No. and description of safety valves on

per rule 6.7 0" Pressure to which they

as fitted 9.8 0"

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 Well clear Height of boiler 24'-0"

Steam Drums:—Number in each boiler one Inside diameter 3'-6"

Range of tensile strength 28-32 T/0" Are drum shell plates welded

If fusion welded, state name of welding firm Babcock & Wilcox, Ltd. Have all the requirements of the Rules

Description of riveting:—Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

Diameter of tube holes in drum 4" Pitch of tube holes 7 1/4"

Steam Drum Heads or Ends:—Range of tensile strength 26-30 T/0"

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

Range of tensile strength Are drum shell plates

If fusion welded, state name of welding firm Have all the requirements of the Rules

Description of riveting:—Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

Diameter of tube holes in drum Pitch of tube holes

Water Drum Heads or Ends:—Range of tensile strength

Size of manhole or handhole

Material SD Steel Thickness 7/16" Tested by hydraulic pressure to 793 lb.

Number 70, 979

Inside diameter 6" square Thickness of shell plates 3/4"

Description of longitudinal joint 1-0-1/2 drawn If fusion welded, state name of welding

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

Range of tensile strength Thickness Radius or how stayed

Number in each boiler 1 inch, 1 outlet Inside diameter 9 1/2"

Material SD Steel Range of tensile strength 28-32 T/0" Are drum shell plates welded

If fusion welded, state name of welding firm Have all the requirements of the Rules

Description of riveting:—Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

Diameter of tube holes in drum Pitch of tube holes Percentage strength of

Drum Heads or Ends:—Thickness 1 1/8" Range of tensile strength

Size of manhole or handhole 3 5/8" square Number, diameter, and thickness of tubes 84, 1 1/2", 99

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

No. and description of safety valves one 2 1/2" single improved high pressure Area of each set

Pressure to which they are adjusted 470 lb. Is easing gear fitted Yes

Has the spare gear required by the Rules been supplied Yes

CANNELL LAIRD & CO. LIMITED

E. Stewart Manufacturer.

Is the approved plan of boiler forwarded herewith

Total No. of visits

During progress of work in shops See Rpt 4a

During erection on board vessel

boiler a duplicate of a previous case. Yes If so, state vessel's name and report No. General San Martin

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These boilers have been constructed

in accordance with the Approved Plans, the Society's Rules and the

Surveyor's letter. The materials and workmanship are good. They have been properly installed

and tried under full working conditions with satisfactory results.

Survey Fee ... When applied for 19

Travelling Expenses (if any) £ When received 19

Date LIVERPOOL 22 16 APR 1952

Signature of Surveyor See Minutes on Liverpool J.E. Mchey Rpt 4a

Engineer Surveyor to Lloyd's Register of Shipping.

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