

REPORT ON WATER TUBE BOILERS.

Encl. Rpt.
No. 6709

Received at London Office 29 NOV 1945

WATER TUBE BOILERS—MAIN, XXXXXXXXXXXXXXX		XXXXXXXXXXXXXXX Manufacturers of Steel		Steel Co. of Canada Ltd.
Date of Approval of plan	New York	18-4-44	Tubes supplied by Page-Hersey Ltd.	
No. of Boilers	2	Water Tube Yarrow Type	Working Pressure	225 lb/o"
No. of Certificate	P 1262		Tested by Hydraulic Pressure to	387 lb/o"
Is forced draught fitted?	Yes	Can each boiler be worked separately?	Yes	Total Heating Surface of Boilers
				12512 square ft.
No. and type of burners (oil) in each boiler	4	XXXXXXXXXXXXXXX	Admiralty Type	

and type of burners (oil) in each boiler _____

2 Spring loaded 4" Dia. High Lift Area of each set of valves per boiler { per rule 16.5 sq. ins.
as fitted 23.1328 sq. ins. Pressure to which they

are adjusted 227 lbs. sq. in. they fitted with easing gear Yes

Smallest distance between boilers 2'3" and bunkers 2'3" Height of boiler 13'3 1/4"

Width and Length 13'-10 1/4" 13'-3-3/8" Steam Drums:—Number in each boiler One Inside diameter 49-15/16"

Thickness of plates Wrapper 5/8" Tube 1 1/2" Range of Tensile Strength 28-32 Tons Are drum shell plates welded

flanged Welded If fusion welded, state name of welding firm Canadian Vickers Limited Have all the requirements of the rules

or Class I vessels been complied with Yes

Percentage strength of shell in way of tubes 33-1/3 Steam Drum Heads or Ends:—Range of tensile strength 26-30 Tons

Thickness of plates 1" & 1-3/16" Radius 50" Size of manhole or handhole 12" x 16" Water Drums:—Number

in each boiler Two Inside Diameter 22-15/16" Thickness of plates 9/16 and 1 1/2" Range of tensile strength 28-32 Tons Are drum shell plates

welded or flanged Welded If fusion welded, state name of welding firm Canadian Vickers Limited Have all the requirements of the rules

or Class I vessels been complied with Yes

Percentage strength of drum shell in way of tubes 33-1/3 Water Drum Heads or Ends:—Range of Tensile strength 26-30 Tons

Thickness of plates 13/16 and 29/32 Radius 23" Size of manhole or handhole 12" x 16"

Tubes:—Diameter 1" 1-1/8" and 1 1/2" Thickness .104", .116" & .116" Number 1794 @ 1" 216 @ 1 1/2" 436 @ 1-1/8"

are bare Gear. Has the spare gear required by the rules been supplied Yes

The foregoing is a correct description.

1144 CANADIAN VICKERS, LIMITED Manufacturer.

Is the approved plan of boiler forwarded herewith. no

Total No. of visits, Daily Attendance

Dates of Survey while building	During progress of work in shops - -	2nd January to 11-3-45
	During erection on board vessel - - -	13th March to Sept 29th, 1945

this boiler a duplicate of a previous case Yes If so, state vessel's name and report No. CN 948 Montreal Report No.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These Boilers have been constructed and installed on board the Vessel, under Special Survey and in accordance with the Approved Plans and instructions forwarded by the Admiralty. The materials have been tested by the Surveyors to this Society and the workmanship is good. In conjunction with the Machinery it is recommended that the Vessel be classed with Lloyd's Machinery Certificate, with the record of ~~X~~ LMC 9-45.

Survey Fee \$ 270.00 When applied for, 700.50 1945

Travelling Expenses (if any) & Included When received, 19

Committee's Minute

Assigned See F.E. machy. rpt.

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register
Foundation