

REPORT ON BOILERS.

No. 1237

Report Jan. 26th 1920. When handed in at Local Office March 9th 1920 Port of Halifax N.S.
 Survey held at Amherst, N.S. & New Glasgow, N.S. Date, First Survey March 19th 1919 Last Survey Dec. 29th 1919.
 on the single screw steamer "Canadian Sealer" (Yard No. 5) Tons Gross 1766 Net 1043.53
 Built at New Glasgow, N.S. By whom built Nova Scotia Steel & Coal Co. Ltd. When built 1919
 Made at Amherst, N.S. By whom made Robb Engine Works. When made 1919
 Made at partly at Amherst, N.S. & partly at New Glasgow, N.S. By whom made Nova Scotia Steel & Coal Co. Ltd. When made 1919
 Horse Power 1 Owners Canadian Government Merchant Marine, Ltd. Port belonging to Montreal

TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Luker Steel Co. Portville, Pa.

Total Heating Surface of Boilers 2900^{sq} Is forced draft fitted ☒ No. and Description of
 Scotch Multitubular Working Pressure 85 lbs. Tested by hydraulic pressure to 370 lbs. Date of test
 Can each boiler be worked separately ☒ Area of fire grate in each boiler 42^{sq} No. and Description of
 Area of each valve 7.06^{sq} Pressure to which they are adjusted 185 lbs. per sq. in.
 In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler ☒
 distance between boilers or uptakes and bunkers or woodwork 12" Mean dia. of boilers 12'-9" Length 10'-9"
 of shell plates Steel Thickness 1 3/16" Range of tensile strength 28-32 Are the shell plates welded or flanged flanged
 of riveting: cir. seams D.R. Lap joint Long. seams J.R. D.B. straps Diameter of rivet holes in long. seams 15/16" Pitch of rivets 8 3/4"
 plates or width of butt straps 19 1/4" Per centages of strength of longitudinal joint rivets 87.5 plate 85 Working pressure of shell by
 Size of manhole in shell 12" x 16" Size of compensating ring 32" x 36" No. and Description of Furnaces in each
 Material Steel Outside diameter 48 5/8" Length of plain part top 5/8" bottom 5/8"
 No. of strengthening rings Working pressure of furnace by the rules 205 Combustion chamber
 Thickness: Sides 9/16" Back 9/16" Top 9/16" Bottom 1" Pitch of stays to ditto: Sides 6x9" Back 7 1/2 x 8 1/2"
 If stays are fitted with nuts or riveted heads inside, natted Working pressure by rules 193 Material of stays Steel Area at
 Area supported by each stay 56.48 Working pressure by rules 240 End plates in steam space: Material Steel Thickness 3/8"
 How are stays secured natted Working pressure by rules 208 Material of stays Steel Area at smallest part 3.98
 Working pressure by rules 197 Material of Front plates at bottom Steel Thickness 7/8" Material of
 Thickness 13/16" Greatest pitch of stays 13 1/4" Working pressure of plate by rules 260 Diameter of tubes 3"
 Material of tube plates Steel Thickness: Front 7/8" Back 7/8" Mean pitch of stays 8.6 Pitch across wide
 Working pressures by rules 240 Girders to Chamber tops: Material Steel Depth and thickness of
 Length as per rule 33" Distance apart 7 1/2" Number and pitch of Stays in each 3 - 7 1/2"
 Steam dome: description of joint to shell % of strength of joint
 Thickness of shell plates Material Description of longitudinal joint Diam. of rivet holes
 Working pressure of shell by rules Crown plates Thickness How stayed

SAFETY VALVE. Type ☒ Date of Approval of Plan ☒ Tested by Hydraulic Pressure to ☒
 Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler ☒
 Safety Valve ☒ Pressure to which each is adjusted ☒ Is Easing Gear fitted ☒

Nova Scotia Steel & Coal Co. Limited

The foregoing is a correct description,

ROBB ENGINEERING WORKS, LIMITED

Manufacturer.

During progress of work in shops - March 19, June 13, 18, 30; July 2, 9, 14, 15, 21.
 During erection on board vessel - Nov. 21, 26, Dec. 2, 3, 8, 10, 11, 12, 13, 15, 17, 18.
 Total No. of visits 48

LOCAL REMARKS (State quality of workmanship, opinions as to class, &c.)

These boilers have been constructed under special survey, and in accordance with the Society's rules and approved plans, dated Oct. 14/18: the quality of material and workmanship being satisfactory, and eligible, in my opinion, to be classed ☒ L.M.C.

Fee ... \$... When applied for, 18/21 1920
 Shipping Expenses (if any) \$ 66.25 When received, 25/3 1920

TUE. APR. 20 1920

Engineer Surveyor to Lloyd's Register of Shipping.

© 2021

Lloyd's Register Foundation

