



VERTICAL DONKEY BOILER— Manufacturers of Steel

No. \_\_\_\_\_ Description \_\_\_\_\_

Made at \_\_\_\_\_ By whom made \_\_\_\_\_ When made \_\_\_\_\_ Where fixed \_\_\_\_\_

Working pressure tested by hydraulic pressure to \_\_\_\_\_ Date of test \_\_\_\_\_ No. of Certificate \_\_\_\_\_ Fire grate area \_\_\_\_\_ Description of Safety \_\_\_\_\_

Valves \_\_\_\_\_ No. of Safety Valves \_\_\_\_\_ Area of each \_\_\_\_\_ Pressure to which they are adjusted \_\_\_\_\_ Date of adjustment \_\_\_\_\_

If fitted with easing gear \_\_\_\_\_ If steam from main boilers can enter the donkey boiler \_\_\_\_\_ Dia. of donkey boiler \_\_\_\_\_ Length \_\_\_\_\_

Material of shell plates \_\_\_\_\_ Thickness \_\_\_\_\_ Range of tensile strength \_\_\_\_\_ Descrip. of riveting long. seams \_\_\_\_\_

Dia. of rivet holes \_\_\_\_\_ Whether punched or drilled \_\_\_\_\_ Pitch of rivets \_\_\_\_\_ Lap of plating \_\_\_\_\_ Per centage of strength of joint \_\_\_\_\_ Rivets \_\_\_\_\_ Plates \_\_\_\_\_

Working pressure of shell by rules \_\_\_\_\_ Thickness of shell crown plates \_\_\_\_\_ Radius of do. \_\_\_\_\_ No. of stays to do. \_\_\_\_\_ Dia. of stays \_\_\_\_\_

Diameter of furnace Top \_\_\_\_\_ Bottom \_\_\_\_\_ Length of furnace \_\_\_\_\_ Thickness of furnace plates \_\_\_\_\_ Description of joint \_\_\_\_\_

Working pressure of furnace by rules \_\_\_\_\_ Thickness of furnace crown plates \_\_\_\_\_ Stayed by \_\_\_\_\_

Diameter of uptake \_\_\_\_\_ Thickness of uptake plates \_\_\_\_\_ Thickness of water tubes \_\_\_\_\_ Dates of survey \_\_\_\_\_

SPARE GEAR. State the articles supplied:— 1 Propeller, 1 Propeller shaft, 2 top end, 2 bottom end, 2 Main bearing & 1 set of coupling bolts; 2 Lead & 2 Bilge pump valves, 1 set of Air pump & 1 set of Air pump valves, 2 Main & 2 Donkey feed check valves; 2 Ballast & Sky valves, 2 Safety valve springs, 2 Escape valve springs, 6 boiler tubes & assorted nuts & bolts.

The foregoing is a correct description,  
 John Dickinson & Co., Ltd.  
 Adich \_\_\_\_\_ Manufacturer.

Dates of Survey while building: During progress of work in shops - 1906: July 26, 28, Aug. 13, 15, Sept. 11, 13, Oct. 2, 4, 10, 11, 14, 15, 17, 24, 29, Nov. 1, 6, 9, 10, 13, 14, 16, 17, 19, 20, 22, 23, 26, 27, Dec. 28, 29, 30. During erection on board vessel - Dec. 1, 3, 4, 14, 15, 17, 18, 19, 20, 21, 22, 24, 27, Jan. 3, 6, 7, 8, 10, 11, 12, 15, Nov. 7, Jan. 22, 23, 24.

Director \_\_\_\_\_  
 Total No. of visits 53.

Is the approved plan of main boiler forwarded herewith yes  
 " " " donkey " " "

Dates of Examination of principal parts—Cylinders 13-12-06 Slides 20-12-06 Covers 14-12-06 Pistons 17-12-06 Rods 29-11-06  
 Connecting rods 9-12-06 Crank shaft 20-11-06 Thrust shaft 22-12-06 Tunnel shafts 18-12-06 Screw shaft 21-12-06 Propeller 27-12-06  
 Stern tube 17-12-06 Steam pipes tested 14 & 17-1-07 Engine and boiler seatings 14-1-07 Engines holding down bolts 7-1-07  
 Completion of pumping arrangements 15-1-07 Boilers fixed 7-1-07 Engines tried under steam 15-1-07  
 Main boiler safety valves adjusted 15-1-07 Thickness of adjusting washers P.F. 15/32, P.A. 7/16, S.F. 3/16, S.A. 1/2.

Material of Crank shaft steel Identification Mark on Do. 371B Material of Thrust shaft steel Identification Mark on Do. 902 P.A.  
 Material of Tunnel shafts Steel Identification Marks on Do. 3722, 3723, 3729, Material of Screw shafts Iron Identification Marks on Do. 375B  
 Material of Steam Pipes Copper Test pressure 400 lbs

General Remarks (State quality of workmanship, opinions as to class, &c.) The machinery of this vessel has been constructed under special survey, the workmanship and materials used are both of good quality, the engines have been tried under steam and worked satisfactorily.

It is submitted that this vessel is eligible for THE RECORD L.M.C. 1.07.

Res. Feb. 2.07  
 12.2.07

We beg to recommend that this vessel is eligible in our opinion to have the record L.M.C. 1-07 in the Register Book

The amount of Entry Fee... £ 3 : : When applied for, \_\_\_\_\_  
 Special ... £ 35 : : 21.1.1907  
 Donkey Boiler Fee ... £ : : When received, 13/2/07  
 Travelling Expenses (if any) £ : : 12.2.07

K. W. Coomber & J. E. Sella  
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

FRI. FEB 15 1907

Assigned



© 2020

Lloyd's Register Foundation

Certificate (if required) to be sent to \_\_\_\_\_  
 (The Surveymen are requested not to write on or below the space for Committee's Minute.)