

5a.

REPORT ON BOILERS.

LOW PRESSURE STEAM GENERATOR

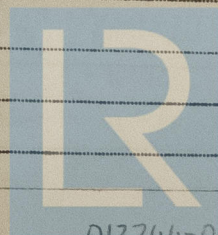
No. 2711D

Writing Report 19th Aug. 1958 When handed in at Local Office 1958 Port of YOKOHAMA
 Survey held at Yokohama, Japan Date, First Survey 12th September, 1957 Last Survey 9th August, 1958
 on the S.S. "RIYADH MARU" (Number of Visits 21) Tons { Gross 26034.19 Net 16070.87
 at Yokohama, Japan By whom built Nippon Kokan K.K., Tsurumi Shipyard Yard No. 742 When built 8 - 1958
 es made at Tokyo, Japan By whom made Ishikawajima Heavy Industries Co., Ltd. Engine No. IT-2262 When made 3 - 1958
 eam Generator L.P.S.G. B285 When made 8 - 1958
 No. of s made at Yokohama, Japan By whom made Nippon Kokan K.K., Tsurumi Shipyard L.P.S.G. B285 When made 8 - 1958
 lowers per Rule Owners Nippon Yushutsu Sekiyu Co., Ltd. Port belonging to Tokyo

LOW PRESSURE STEAM GENERATOR

TITUBULAR BOILERS MAIN AUXILIARY OR DONKEY.

Manufacturers of Steel Nippon Kokan K.K., & Japan Steel Works Ltd., Muroran Works
 Heating Surface of Boilers 55M² Of Superheaters -
 for Register Book L.P. Steam Generator Is forced draught fitted - Coal or Oil fired Heated by Superheated Steam
 and Description of Boilers 1-Horizontal Shell and Coil type Working Pressure Shell 9.5 kg/cm² Coils & Heads 42.2 kg/cm²
 by hydraulic pressure to 6.8 kg/cm² Date of test 14-3-58 No. of Certificate M-4803 Can each boiler be worked separately -
 of Firegrate in each Boiler - No. and Description of safety valves to each boiler 1-MH-3 Type 115mm x 115mm Duplex Improved High Lift
 of each set of valves per boiler L.P.S.G. 207 cm² 8.4 kg/cm² Pressure to which they are adjusted 9.5 kg/cm² Are they fitted with easing gear Yes
 e of donkey boilers, state whether steam from main boilers can enter the donkey boiler -
 st distance between boilers or uptakes and bunkers or woodwork 1818mm Is oil fuel carried in the double bottom under boilers -
 st distance between boilers or uptakes and bunkers or woodwork 6180mm Is the bottom of the boiler insulated L.P.S.G. Yes
 t internal dia. of boilers L.P.S.G. 1600mm Length 5265mm Shell plates: Material O.H. Steel Tensile strength 51.4-50.6 kg/mm²
 on welded, state name of welding Firm Nippon Kokan K.K., Tsurumi Shipyard (Nippon Steel Tube Co. Tsurumi) Have all the requirements of the Rules for Class I vessels 2A
 mplied with Yes Thickness 18mm Are the shell plates welded or flanged welded Description of riveting: circ. seams end inter
 Diameter of rivet holes in { circ. seams long. seams Pitch of rivets {
 age of strength of circ. end seams { plate rivets Percentage of strength of circ. intermediate seam { plate rivets
 age of strength of longitudinal joint { plate rivets combined
 ss of butt straps { outer inner Coils L.P.S.G. 75-Horizontal Sumerged 2 pass coils
 O.H. Steel Tensile strength 48.2 - 46.4 kg/mm² Smallest outside diameter 25mm
 of plain part { top 4400mm Coils Thickness of plates 2.6mm Description of longitudinal joint -
 bottom 4400mm
 ons of stiffening rings on furnace or c.c. bottom -
 tes in steam space: Material O.H. Steel Tensile strength 45.8-45.7 kg/mm² Thickness 28mm Pitch of stays -
 stays secured -
 ates: Material { front back O.H. Steel Tensile strength { 48.2 - 47.1 kg/mm² Thickness { 73mm
 tch of stay tubes in nests Pitch across wide water spaces
 to combustion chamber tops: Material Tensile strength Depth and thickness of girder
 Length as per Rule Distance apart No. and pitch of stays
 Combustion chamber plates: Material
 Strength Thickness: Sides Back Top Bottom
 stays to ditto: Sides Back Top Are stays fitted with nuts or riveted over
 te at bottom: Material Tensile strength
 Lower back plate: Material Tensile strength Thickness
 stays at wide water space Are stays fitted with nuts or riveted over
 s Regs: Material Tensile strength
 At body of stay Over threads No. of threads per inch
 ys: Material Tensile strength
 At turned off part Over threads No. of threads per inch



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