

REPORT ON BOILERS.

No. 21508

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Writing Report 12 May 1935 When handed in at Local Office 10 Port of Hamburg.Survey held at Hamburg Date, First Survey 15-11-1934 Last Survey 10 April 1935on the "Genota" (Number of Visits 18) Gross 7987 Tons Net 4754Built at Hamburg By whom built Deutsche Werft A.G. Yard No. 156 When built 1935made at Augsburg By whom made Masch. Fabr. Augsburg-Nürnberg Engine No. 350170 When made 1935made at Hamburg By whom made Deutsche Werft A.G. Boiler No. 497 When made 1935Horse Power 502 Owners Petroleum Maats. Port belonging to The League.
"La Corona"
(Anglo-Saxon Petroleum Co.)TUBULAR BOILERS—~~MAIN, AUXILIARY, OR~~ DONKEY.Manufacturers of Steel The Steel Company of Scotland, Ltd, Glasgow. (Letter for Record S.)Heating Surface of Boilers 233 m² Is forced draught fitted yes Coal or Oil fired oil + exhaust gas fired.Description of Boilers 1; three furnaces multitubular donkey boiler Working Pressure 12,65 kg/cm² = 180 lb.by hydraulic pressure to 22,5 kg/cm² Date of test 5-1-1935 No. of Certificate 581 Can each boiler be worked separately ✓Firegrate in each Boiler oil fired No. and Description of safety valves to each boiler 2; spring loaded.each set of valves per boiler per Rule 12512 mm² Pressure to which they are adjusted 12,65 kg/cm² Are they fitted with easing gear yes.of donkey boilers, state whether steam from main boilers can enter the donkey boiler ✓distance between boilers or uptakes and bunkers or woodwork 400 mm. Is oil fuel carried in the double bottom under boilers ✓distance between shell of boiler and tank top plating 1040 mm. Is the bottom of the boiler insulated yes.internal dia. of boilers 4362 mm Length 3505 mm Shell plates Material S.M. Steel Tensile strength 47/53 kg/mm²thickness 29 mm Are the shell plates welded or flanged flanged Description of riveting: circ. seams 219-229Diameter of rivet holes in circ. seams 32 mm Pitch of rivets 100 mmage of strength of circ. end seams plate 68 % Percentage of strength of circ. intermediate seam plate 54 %age of strength of longitudinal joint plate 85,1 % Working pressure of shell by Rules 13,3 kg/cm²age of strength of longitudinal joint rivets 92,5 % combined 88,7 %No. and Description of Furnaces in each Boiler 3 Morison Furnaces.Material S.M. Steel Tensile strength 41/47 kg/mm² Smallest outside diameter 1120 mm.Thickness of plates 15 mm Description of longitudinal joint water gas welded.Working pressure of furnace by Rules 13,7 kg/cm²Material S.M. Steel Tensile strength 41/47 kg/mm² Thickness 29 mm Pitch of stays 420 x 381 mm.Working pressure by Rules 18,9 kg/cm²Material S.M. Steel Tensile strength 41/47 kg/mm² Thickness 26 mm.Working pressure 15,9 kg/cm²Pitch of stay tubes in nests 208 x 208 mm Pitch across wide water spaces 360 mm Working pressure 40,3 kg/cm²Material S.M. Steel Tensile strength 47/53 kg/mm² Depth and thickness of girderLength as per Rule 770 mm Distance apart 180 mm No. and pitch of staysWorking pressure by Rules 14,51 kg/cm² Combustion chamber plates: Material S.M. Steel.Thickness: Sides 19 mm Back 20 mm Top 19 mm Bottom 25 mm.

Are stays fitted with nuts or riveted over and screwed in with nuts and washers.

Front plate at bottom: Material S.M. Steel Tensile strength 41/47 kg/mm²Thickness 26 mm.

Are stays fitted with nuts or riveted over doubling plate, screwed in with nuts and washers.

Main stays: Material S.M. Steel Tensile strength 41/47 kg/mm²Area supported by each stay 160020 mm²Screw stays: Material S.M. Steel Tensile strength 41/47 kg/mm²Area supported by each stay 41600 mm²No. of threads per inch 9Area supported by each stay 41600 mm²Lloyd's Register
Foundation

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