

REPORT ON BOILERS.

No. 21512

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Rpt. 5b.

Date of writing Report 23/4/56 When handed in at Local Office 2/5/56 Port of GENOA

No. in Survey held at Genoa & La Spezia Date, First Survey 21/2/55 Last Survey 7/4/56 19

Reg. Book (Number of Visits 21) Gross Tons 11249 Net Tons -

on the "GIACINTO MOTTA"

Built at Muggiano-La Spezia By whom built S.A. Ansaldo, Cantiere di Muggiano. Yard No. 1504 When built 1956

Engines made at Genoa-Sampierdarena By whom made S.A. Ansaldo, Stabilimento Meccanico. Engine No. 757001 When made 1955

Boilers made at Genoa-Sampierdarena By whom made S.A. Ansaldo, Stab. Meccanico Boiler No. 5965 When made 1955

Owners "Carbogas" Società di Navigazione S.p.A. Port belonging to Palermo

VERTICAL DONKEY BOILER.

Made at Genoa Sampierdarena By whom made S.A. Ansaldo, Stabilimento Meccanico Boiler No. 5965 When made 1955 Where fixed on flat aft. of engine room

Manufacturers of Steel Società Italiana Acciaierie Cornigliano

Total Heating Surface of Boiler 35 sq.m. Is forced draught fitted - Coal or Oil fired oil fired

No. and Description of Boilers one - thimble tube Ansaldo Clarkson Working pressure 7 kg/cm²

Tested by hydraulic pressure to 14 kg/cm² Date of test 15-9-55 No. of Certificate 335

Area of Firegrate in each Boiler - No. and Description of safety valves to each boiler Two - ordinary spring loaded safety valves.

Area of each set of valves per boiler { per rule 2650 sq.mm. Pressure to which they are adjusted 7 kg/cm² Are they fitted with easing gear yes
as fitted 5654 sq.mm.

State whether steam from main boilers can enter the donkey boiler - Smallest distance between boiler or uptake and bunkers

Is oil fuel carried in the double bottom under boiler - Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated yes Largest internal dia. of boiler 2000 mm Height 4450 mm

Shell plates: Material S.M. Steel Tensile strength 42/48 kg/mm² Thickness 16 mm

Are the shell plates welded or flanged fusion welded Description of riveting: circ. seams { end double long seams
inter. -

Dia. of rivet holes in { circ. seams 28 mm. Pitch of rivets 88,6 mm. Percentage of strength of circ. seams { plate 68,3 of Longitudinal joint rivets -
long seams - rivets 74,5 combined -

Working pressure of shell by rules as approved Thickness of butt straps { outer - inner -

Shell Crown: Whether complete hemisphere, dished partial spherical, or flat dished partial spherical Material S.M. Steel

Tensile strength 42/48 kg/mm² Thickness 19 mm. Radius 1690 mm. Working pressure by rules as approved

Description of Furnace: Plain, spherical, or dished crown dished crown Material S.M. Steel Tensile strength 42/48 kg/mm²

Thickness 15 mm. External diameter { top - bottom - Length as per rule - Working pressure by rules

Pitch of support stays circumferentially - and vertically - Are stays fitted with nuts or riveted over -

Diameter of stays over thread - Radius of spherical or dished furnace crown 900 mm Working pressure by rule as approved

Thickness of Ogee Ring 22 mm. Diameter as per rule { D 2000 mm. Working pressure by rule as approved
a 1144 mm.

Combustion Chamber: Material S.M. Steel Tensile strength 42/48 kg/mm² Thickness of top plate -

Radius if dished - Working pressure by rule - Thickness of back plate - Diameter if circular 1152 mm.

Length as per rule 1530 mm. Pitch of stays - Are stays fitted with nuts or riveted over -

Diameter of stays over thread - Working pressure of back plate by rules as approved

Tube Plates: Material { front S.M. Steel Tensile strength 42/48 kg/mm² Thickness 26 mm. Mean pitch of stay tubes in nests -
back -

If comprising shell, Dia. as per rule { front - Pitch in outer vertical rows { - thimble in tube 70,3 mm BACK { stay -
back - plate plain - plain -

Working pressure by rules { front - back -

Orders to combustion chamber tops: Material - Tensile strength -

Depth and thickness of girder at centre - Length as per rule -

Distance apart - No. and pitch of stays in each - Working pressure by rule -

