

REPORT ON BOILERS.

No. 4201.

23 DEC 1933

Received at London Office

When handed in at Local Office 19/12 1933 Port of Oslo

Survey held at Oslo Date, First Survey Last Survey 19

on the motor vessel "PIONEER" (Number of Visits) Tons {Gross 1767 Net 1015

Built at Rødøy By whom built AM. Rødøy Havnsværk Yard No. When built 1920

No. and dia made at Gledhusen By whom made Alth. Ales Diesel Engine No. When made

made at Oslo By whom made Kvaerner Bui Boiler No. When made 1931

Horse Power Owners G/S. Pioneer Port belonging to Oslo

Press Boilers

TUBULAR BOILERS—MAIN, AUXILIARY, OR DONKEY.

superheater be shuttlers of Steel Approved makes. (Letter for Record)

Working pressure Surface of Boilers Is forced draught fitted Coal or Oil fired

Hydraulic test Description of Boilers 8 press boilers Working Pressure 60 lbs

drain cocks or valves hydraulic pressure to 120 Date of test 8/11/33 No. of Certificate Can each boiler be worked separately

Firegrate in each Boiler No. and Description of safety valves to each boiler

each set of valves per boiler {per Rule as fitted Pressure to which they are adjusted Are they fitted with easing gear

description, of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Main distance between boilers or uptakes and bunkers or woodwork Is oil fuel carried in the double bottom under boilers

distance between shell of boiler and tank top plating Is the bottom of the boiler insulated

internal dia. of boilers 2100 mm Length 3050 mm Shell plates: Material steel Tensile strength 28-35

10 mm Are the shell plates welded or flanged end pl. flanged Description of riveting: circ. seams {end single inter. 48.5 mm

ms double r. Diameter of rivet holes in {circ. seams 13/16 200% long. seams 13/16 Pitch of rivets {67 - -

ge. of strength of circ. end seams {plate 57 rivets 56 Percentage of strength of circ. intermediate seam {plate rivets

ge. of strength of longitudinal joint {plate 71 69.2 rivets 126 81.5 Working pressure of shell by Rules 86 lbs

of butt straps {outer inner No. and Description of Furnaces in each Boiler

Tensile strength Smallest outside diameter

plain part {top bottom Thickness of plates {crown bottom Description of longitudinal joint

ns of stiffening rings on furnace or c.c. bottom Working pressure of furnace by Rules

es in steam space: Material steel Tensile strength 26-30 Thickness top 18 mm half 16 mm Pitch of stays

stays secured Working pressure by Rules

es: Material {front back Tensile strength Thickness

ch of stay tubes in nests Pitch across wide water spaces Working pressure {front back

o combustion chamber tops: Material Tensile strength Depth and thickness of girder

Length as per Rule Distance apart No. and pitch of stays

Working pressure by Rules Combustion chamber plates: Material

length Thickness: Sides Back Top Bottom

stays to ditto: Sides Back Top Are stays fitted with nuts or riveted over

pressure by Rules Front plate at bottom: Material Tensile strength Lower back plate: Material Tensile strength Thickness

from Rø

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At body of stay, or Over threads

pressure by Rules

At turned off part, or Over threads

No. of threads per inch Area supported by each stay

Screw stays: Material Tensile strength

No. of threads per inch Area supported by each stay



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