

REPORT ON BOILERS.

No. 14467

Received at London Office

18 NOV 1953

When handed in at Local Office 19 Port of Copenhagen

held at Nakskov Date, First Survey 26th May Last Survey 23rd Oct. 1953

Steel Se. Margit (Number of Visits 9) Gross 4967 Tons Net 2806

Nakskov By whom built Nakskov Skibsvaerft Yard No. 133 When built 1953

Copenhagen By whom made Burmeister & Wain Engine No. 5051 When made 1953

Nakskov By whom made Nakskov Skibsvaerft Boiler No. 45 When made 1953

Dampskibsselskabet Myren Port belonging to Copenhagen

BOILER.

By whom made Nakskov Skibsvaerft Boiler No. 45 When made 1953 Where fixed Nakskov

Steel Messrs Mannesmann-Hüttenwerke A. S. of Duisburg-Huckingen

Surface of Boiler 30 m² Is forced draught fitted Yes Coal or Oil fired Oil

Position of Boilers 1 off vertical boiler with swirlflow tubes Working Pressure 7 kg/cm²

Pressure to 14 kg/cm² Date of test 21st August 1953 No. of Certificate 831

No. and description of safety valves to each boiler 1 off 50 mm double spring loaded

No. of valves per boiler 22.7 cm² Pressure to which they are adjusted 7 kg/cm² Are they fitted with easing gear Yes

Can main boilers can enter the donkey boiler no main boiler Smallest distance between boiler or uptake and bunkers

Is oil fuel carried in the double bottom under boiler no Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated no Largest internal dia. of boiler 1800 mm Height 2930 mm

Material S. M. steel Tensile strength 47.0 kg/cm² Thickness 3/8"

Welded or flanged no If fusion welded, state name of welding firm

Requirements of the Rules for Class I vessels been complied with Description of riveting: circ. seams single

Dia. of rivet holes in circ. seams 20 mm Pitch of rivets 46.12 mm Percentage of strength of circ. seams plate rivets

Thickness of butt straps outer 10 mm inner 10 mm Shell Crown: Whether complete hemisphere, dished partial

Material S. M. steel Tensile strength 45.7 kg/cm² Thickness 5/8"

Description of Furnace: Plain, spherical, or dished crown flat tube plate Material S. M. steel

Thickness 5/8" External diameter top 1400 mm bottom 1400 mm Length as per Rule 880 mm

Are stays fitted with nuts or riveted over

Radius of spherical or dished furnace crown

Diameter as per Rule

Thickness of top plate

Thickness of back plate

Diameter if circular

Pitch of stays

Diameter of stays over thread

Material S. M. steel Tensile strength 45.7 kg/cm² Thickness 5/8"

Mean pitch of stay tubes in nests 230 mm

Dia. of tube holes front 38.1 mm stay 40 mm plain 38.1 mm BACK stay 40 mm plain 40 mm

Tube in outer vertical rows a stay tube

Material S. M. steel Tensile strength

Length as per Rule

No. and pitch of stays in each

Crown Stays: Material Tensile strength Diameter { at body of stay, or over threads 22

No. of threads per inch Screw Stays: Material Tensile strength held at

Diameter { at turned off part, or over threads No. of threads per inch Are the stays drilled at the outer ends Span

Tubes: Material S. M. steel External diameter { plain 1 1/2" stay 38.1 mm Thickness

No. of threads per inch expanded and welded Pitch of tubes 56 mm

Manhole Compensation: Size of opening in shell plate 400 x 300 mm Section of compensating ring 6" x 1/2" No. of

of rivet holes Outer row rivet pitch at ends Depth of flange if manhole flanged

Uptake: External diameter 1152 mm Thickness of uptake plate 5/8"

Cross Tubes: No. External diameters Thickness of plates

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with yes

The foregoing is a correct
B. G. P. S. H. O. L. M.
AKS. KOVSK. SVÆRPT

Dates of Survey while building { During progress of work in shops 26/5 - 1/6 - 23/6 - 2/7 - 15/7 - 21/8 Is the approved plan of boiler forwarded herewith yes (If not state date of approval.)
During erection on board vessel 1/9 - 20/10 - 23/10 Total No. of visits 9

Is this Boiler a duplicate of a previous case yes If so, state Vessel's name and Report No. 14349 4/8 Steam from

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

The above donkey boiler has been constructed and fitted under Special Survey in accordance with the Rules the approved plans and requirements contained in the secretary's dated Eng. 7th May 1953.

The material used has been examined and tested as required by the Rules and the workmanship is good.

On completion of the installation the safety valves were adjusted under steam to the pressure stated and the accumulation test required by the Rules carried out with satisfactory result.

Survey Fee Kr. 240 When applied for 16/11 19 53
Travelling Expenses (if any) Kr. 50 When received 19

FRIDAY - 4 DEC 1953

Date
Committee's Minute See minute on hull f.e. rpt.

Engineer Surveyor to Lloyd's Register
© 2021
Lloyd's Register
Foundation