

REPORT ON BOILERS.

No. 4730

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Date of writing Report 19th January 1921 When handed in at Local Office 14th January 21 Port of Gothenburg
 No. in Survey held at Yönköping Date, First Survey 23rd August Last Survey 14th December 1920
 Reg. Book. on the Solnesborgs Skeppsvärk, Yard No. 2. (Number of Visits 6) Gross Tons }
 Net Tons }
 Master - Built at Solnesborg By whom built Solnesborgs Skeppsvärk When built
 Engines made at By whom made When made
 Boilers made at Yönköping By whom made Yönköpings Mek. Verkst. AB. When made 1920
 Registered Horse Power Owners Port belonging to

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Skönsås Järnverks AB, Segerfors(Letter for record S) Total Heating Surface of Boilers 2605 \square' Is forced draft fitted No. and Description ofBoilers Two cylindrical multitubular Working Pressure 200 lbs Tested by hydraulic pressure to 350 lbs Date of test 14/12/20No. of Certificate 171 & 172 Can each boiler be worked separately Area of fire grate in each boiler No. and Description of

safety valves to each boiler Area of each valve Pressure to which they are adjusted

Are they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers or woodwork Inside Mean dia. of boilers 3450 mm Length 3120 mmMaterial of shell plates Steel Thickness 27 mm Range of tensile strength 28.3-29.4 tons Are the shell plates welded or flanged NoDescrip. of riveting: cir. seams None long. seams Double butt straps, equal width. Diameter of rivet holes in long. seams 27 mm Pitch of rivets 182.5 mmLap of plates or width of butt straps 400 mm Per centages of strength of longitudinal joint rivets 100.2 Working pressure of shell by plate 85rules 206 lbs Size of manhole in shell 300x400 mm Size of compensating ring 4-725 mm, 27 mm No. and Description of Furnaces in eachboiler Two corrugated Material Steel Outside diameter 1000 mm Length of plain part top Thickness of plates 13 mm bottomDescription of longitudinal joint Welded No. of strengthening rings Working pressure of furnace by the rules 200 lbs Combustion chamberplates: Material Steel Thickness: Sides 18.5 mm Back 19 mm Top 18.5 mm Bottom 18.5 mm Pitch of stays to ditto: Sides 90x190 mm Back 90x200 mmTop 190x200 mm stays are fitted with nuts or riveted heads Both Working pressure by rules 240 lbs Material of stays Steel Area atsmallest part 970 mm² Area supported by each stay 360 cm² Working pressure by rules 213 lbs End plates in steam space: Material Steel Thickness 25 mmPitch of stays 400x400 mm How are stays secured Double nuts & riveted washers Working pressure by rules 200 lbs Material of stays Steel Area at smallest part 3850 mm²Area supported by each stay 1600 cm² Working pressure by rules 249 lbs Material of Front plates at bottom Steel Thickness 25.5 mm Material ofLower back plate Steel Thickness 24 mm Greatest pitch of stays Super plan Working pressure of plate by rules Diameter of tubes 3 1/4"Pitch of tubes 15x111 mm Material of tube plates Steel Thickness: Front 25.5 mm Back 18 mm Mean pitch of stays 226 mm Pitch across widewater spaces 360 mm Working pressures by rules 205 lbs/sq" Girders to Chamber tops: Material Steel Depth and thickness ofgirder at centre 2/165x20 Length as per rule 570 mm Distance apart 200 mm Number and pitch of Stays in each 2x190 mmWorking pressure by rules 269 lbs Steam dome: description of joint to shell % of strength of joint

Diameter Thickness of shell plates Material Description of longitudinal joint Diam. of rivet holes

Pitch of rivets Working pressure of shell by rules Crown plates Thickness How stayed

SUPERHEATER. Type Date of Approval of Plan Tested by Hydraulic Pressure to

Date of Test Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler

Diameter of Safety Valve Pressure to which each is adjusted Is Easing Gear fitted

The foregoing is a correct description,

Jönköpings Mekaniska Werkstads Aktiebolag

K. J. N. N. N.

Manufacturer.

Dates of Survey During progress of 1920: Aug 23, Sept 3, 13, 16, Nov 16, Dec 14. Is the approved plan of boiler forwarded herewith Yes

while building During erection on board vessel Total No. of visits 6

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These boilers have been built

under special survey in accordance with the Rules and the approved plan.

The workmanship is good.

These boilers are in our opinion in a good and safe working condition at a

working pressure of 200 lbs per square inch.

Survey Fee ... £ 700:00 When applied for, 19th January 1921.

Travelling Expenses (if any) £ 92:00 When received, 13th Dec 1920.

Committee's Minute FRI. 20 OCT. 1922 FRI. DEC. 8 1922

Assigned

005337-005343-0015

Lloyd's Register Foundation