

# REPORT ON BOILERS.

No. 24405

Received at London Office

Survey held at Liith Date, First Survey 20-3-58 Last Survey 6-5-1958

(Number of Visits 7)

Tons { Gross  
Net

Haarlem

By whom built Haarlemse Scheepsbouw Yard No. 552 When built

Engine No. When made

Boiler No. J.2339 When made 1958

Port belonging to

## AL BOILER.

By whom made A. Stevenson & Co Ltd Boiler No. J.2339 When made 1958 Where fixed

ers of Steel Colvilles Ltd & The Steel Company of Scotland Ltd

ing Surface of each Boiler 270 Sq. Ft.

Is forced draught fitted

Coal or Oil fired Exhaust Gas

Description of Boilers One "Spanner" Exhaust Gas Boiler

Working Pressure 160 lbs/sq"

hydraulic pressure to 260 lbs/sq" Date of test 6th May 1958

No. of Certificate LTH 965

ire grate in each Boiler No. and description of safety valves to each boiler

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

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

ork 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 Largest internal dia. of boiler 2'8 1/4" Height 8'0"

tes: Material STEEL Tensile strength 26,300 lbs/sq" Thickness 3/8"

hell plates welded or flanged Welded If fusion welded, state name of welding firm B. Balguy & Co. Leven

the requirements of the Rules for Class I vessels been complied with Yes Description of riveting: circ. seams { end... inter...

ns Dia. of rivet holes in { circ. seams... long. seams... Pitch of rivets Thickness of butt straps { outer... inner...

rown: Whether complete hemisphere, dished partial spherical, or flat Flat Material STEEL Tensile strength 26,300 Thickness 3/4"

Description of Furnace: Plain, spherical, or dished crown Material

strength Thickness External diameter { top... bottom... Length as per Rule

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

r of stays over thread Radius of spherical or dished furnace crown

ss of Ogee Ring Diameter as per Rule { D... d...

tion Chamber: Material Tensile strength Thickness of top plate

if dished Thickness of back plate Diameter if circular

as per Rule Pitch of stays

is fitted with nuts or riveted over Diameter of stays over thread

lates: Material { front... back... Tensile strength { 26,300 lbs/sq" Thickness { 3/4" Mean pitch of stay tubes in nests as approved

rising shell, dia. as per Rule { front... back... Pitch in outer vertical rows { Dia. of tube holes FRONT { stay... plain... BACK { stay... plain...

alternate tube in outer vertical rows a stay tube

to Combustion Chamber Tops: Material Tensile strength

and thickness of girder at centre Length as per Rule

apart No. and pitch of stays in each

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Crown Stays: Material - Tensile strength - Diameter { at body of stay, - or over threads, -  
No. of threads per inch - Screw Stays: Material - Tensile strength -  
Diameter { at turned off part, - or over threads, - No. of threads per inch - Are the stays drilled at the outer ends -  
Tubes: Material STEEL External diameter { plain 1 13/16" & 1 3/4" Thickness { 10 SWG 1/4"  
No. of threads per inch - Pitch of tubes 2 5/8" Triangular  
Manhole Compensation: Size of opening in shell plate - Section of compensating ring - No. of rivets and diam  
of rivet holes - Outer row rivet pitch at ends - Depth of flange if manhole flanged -  
Uptake: External diameter - Thickness of uptake plate -  
Cross Tubes: No. - External diameters { Thickness of plates -  
Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with Yes.

FOR & ON BEHALF OF  
A. STEVENSON & CO. LTD.

The foregoing is a correct description,

*A. Stevenson*  
DIRECTOR

Dates of Survey while building { During progress of work in shops - - 20-3-58, 25-3-58, 8-4-58, 11-4-58  
During erection on board vessel - - - 15-4-58, 25-4-58, 6-5-58  
Is the approved plan of boiler forwarded herewith Yes.  
(If not state date of approval.)  
Total No. of visits

Is this Boiler a duplicate of a previous case No If so, state Vessel's name and Report No.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The boiler has been constructed under Special Survey in accordance with the Rules for Welded Pressure Vessels Class 1. & approved plans, the materials & workmanship being found good.

Survey Fee ... £ 15 : 0 : 0 When applied for 13-5-1958  
Travelling Expenses (if any) £ 0 : 7 : 0 When received 19

Date

Committee's Minute

Deferred for completion.

*G. Dundle*  
Engineer Surveyor to Lloyd's Register of Shipping



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