

REPORT ON BOILERS.

No. 160

Received at London Office

16 MAY 1953

Report No. 22/4/1953 When landed in at Local Office 17th May 1953 Port of Birmingham
 Key held at Sipton Staffordshire Date, First Survey 3rd March 1953 Last Survey 21st April 1953
 M.V. MARGIT (Number of Visits) Tons } Gross }
 Net }
 Spanner Patent "Swirlyflo" Exhaust Gas Boiler
 By whom built Nakso-hov Skibsvaerft Denmark Yard No. 133 When built
 By whom made Engine No. When made
 By whom made Boiler No. When made
 Port belonging to

L DONKEY BOILER.

Staff By whom made Wrights Forge & Engineering Ltd Boiler No. J825 When made 1953 Where fixed
 of Steel Appleby - Yrodingham Steel Co
 Surface of Boiler 920 Square feet Is forced draught fitted - Coal or Oil fired -
 Description of Boilers One Spanner Patent Swirlyflo Exhaust Gas Boiler Working pressure 100 LBS
 Static pressure to 200 LBS Date of test 17th April 1953 No. of Certificate 129
 State in each Boiler - No. and Description of safety valves to each boiler -
 No. of valves per boiler } per rule - Pressure to which they are adjusted - Are they fitted with easing gear -
 as fitted -
 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 - Largest internal dia. of boiler 4'-11 1/4" Height 8'-0"
 Material Steel Tensile strength 28/32 Tons/sq. in Thickness 3/8"
 Plates welded or flanged Welded If fusion welded, state name of welding firm Messrs Henry Balfour & Co Ltd
 Requirements of the Rules for Class I vessels been complied with Yes Description of riveting: circ. seams } end -
 inter -
 Dia. of rivet holes in { circ. seams - Pitch of rivets - Percentage of strength of circ. seams } plate -
 long. seams - rivets -
 joint { plate - Thickness of butt straps } outer - Shell Crown: Whether complete hemisphere, dished partial
 rivets - inner -
 combined -
 Material - Tensile strength - Thickness -
 Description of Furnace: Plain, spherical, or dished crown - Material -
 Thickness - External diameter { top - Length as per rule -
 bottom -
 Stays circumferentially - and vertically - Are stays fitted with nuts or riveted over -
 Stays over thread - Radius of spherical or dished furnace crown -
 Stays Ring - Diameter as per rule { D -
 d -
 Chamber: Material - Tensile strength - Thickness of top plate -
 Thickness of back plate - Diameter if circular -
 Pitch of stays -
 with nuts or riveted over - Diameter of stays over thread -
 Material { TOP Steel Tensile strength 28/32 Tons/sq. in Thickness 1" Mean pitch of stay tubes in nests
 BOTTOM Steel 28/32 Tons/sq. in 1"
 well, Dia. as per rule } front - Pitch in outer vertical rows } Dia. of tube holes TOP stay 2 1/2" Bottom stay 2 1/2"
 back - plain 2 9/16" plain 2 1/2"
 The tube in outer vertical rows a stay tube -
 Combustion chamber tops: Material - Tensile strength -
 Thickness of girder at centre - Length as per rule -
 No. and pitch of stays in each -

JM
16/53

