

REPORT ON BOILERS.

No. 49642

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No. in Reg. Book. **Bowling** Date, First Survey **14.3.29** Last Survey **14.9.1929**
on the **S.S. "YEW-CROFT"** (Number of Visits **10**) Gross **826.60** Tons Net **409.73**

Master _____ Built at **Bowling** By whom built **Scott & Sons** Yard No. **314** When built **1929**
Engines made at **Calchester** By whom made **Davey Paxman & Co. L^d** Engine No. **13751** When made **1920**
Boilers made at **Glasgow** By whom made **David Rowan & Co. L^d** Boiler No. **360** When made **1929**
REGISTERED Horse Power **90** Owners **John Stewart & Co.** Port belonging to **Glasgow**

MULTITUBULAR BOILERS—MAIN, AUXILIARY, OR DONKEY.

Manufacturers of Steel _____ (Letter for Record _____)

Total Heating Surface of Boilers _____ Is forced draught fitted _____ Coal or Oil fired _____

No. and Description of Boilers _____ Working Pressure _____

Tested by hydraulic pressure to _____ Date of test _____ No. of Certificate _____ Can each boiler be worked separately _____

Area of Firegrate in each Boiler _____ No. and Description of safety valves to each boiler **two direct spring**
Area of each set of valves per boiler {per Rule **13.45" sq"** as fitted **14.12" sq"** Pressure to which they are adjusted **180 lbs.** Are they fitted with easing gear **yes**

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 **Will clear** Is oil fuel carried in the double bottom under boilers **No**

Smallest distance between shell of boiler and ^{top of floor} ~~deck top plating~~ **10 1/2"** Is the bottom of the boiler insulated **No**

Largest internal dia. of boilers _____ Length _____ Shell plates: Material _____ Tensile strength _____

Thickness _____ Are the shell plates welded or flanged _____ Description of riveting: circ. seams {end, inter, long, seams} _____

Diameter of rivet holes in {circ. seams, long, seams} _____ Pitch of rivets _____

Percentage of strength of circ. end seams {plate, rivets} _____ Percentage of strength of circ. intermediate seam {plate, rivets} _____

Percentage of strength of longitudinal joint {plate, rivets, combined} _____ Working pressure of shell by Rules _____

Thickness of butt straps {outer, inner} _____ No. and Description of Furnaces in each Boiler _____

Material _____ Tensile strength _____ Smallest outside diameter _____

Length of plain part {top, bottom} _____ Thickness of plates {crown, bottom} _____ Description of longitudinal joint _____

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

End plates in steam space: Material _____ Tensile strength _____ Thickness _____ Pitch of stays _____

How are stays secured _____ Working pressure by Rules _____

Tube plates: Material {front, back} _____ Tensile strength _____ Thickness _____

Mean pitch of stay tubes in nests _____ Pitch across wide water spaces _____ Working pressure {front, back} _____

Girders to combustion chamber tops: Material _____ Tensile strength _____ Depth and thickness of girder _____

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

in each _____ Working pressure by Rules _____ Combustion chamber plates: Material _____

Tensile strength _____ Thickness: Sides _____ Back _____ Top _____ Bottom _____

Pitch of stays to ditto: Sides _____ Top _____ Are stays fitted with nuts or riveted over _____

Working pressure by Rules _____ Front plate at bottom: Material _____ Tensile strength _____

Thickness _____ Lower back plate: Material _____ Tensile strength _____ Thickness _____

Pitch of stays at wide water space _____ Are stays fitted with nuts or riveted over _____

Working Pressure _____ Main stays: Material _____ Tensile strength _____

Diameter {At body of stay, or Over threads} _____ No. of threads per inch _____ Area supported by each stay _____

Working pressure by Rules _____ Screw stays: Material _____ Tensile strength _____

Diameter {At turned off part, or Over threads} _____ No. of threads per inch _____ Area supported by each stay _____

See Glasgow Report No 49642



