

Rpt. 5b.

REPORT ON BOILERS.

Dun 7380
No. 26764

Date of writing Report June 24th 1908 When handed in at Local Office June 24th 1908 Received at London Office WED. 1 JUL 1908
 No. in Survey held at 57 on the Stey Boiler for the S.S. "Hercules" (W. Kinnear & Co. Dundee) Date, First Survey 5th March Last Survey 26 June 1908
 Master W. Kinnear & Co. Built at Dundee By whom built Dundee S.S. Co. Tons: Gross 433 Net 162
 Boilers made at Dundee By whom made W. Kinnear & Co. When built 1902-4
 Owners W. Kinnear & Co. Port belonging to Dundee

VERTICAL DONKEY BOILER No. 10552 Description Cross-tube Manufacturers of steel S. Cobble & Sons
 Made at Dundee By whom made W. Kinnear & Co. When made 1902-4 Where fixed Stokehold Working pressure 100 lbs.
 tested by hydraulic pressure to 200 lbs. Date of test 26/6/08 No. of Certificate 9496 Grate area 12 1/2 Description of safety valves direct spring
 No. of safety valves one Area of each 7.07 Pressure to which they are adjusted 102 If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no
 Dia. of donkey boiler 5'-0" Length 11'-0" Material of shell plates steel Thickness 13/32" Range of tensile strength double riveted Dia. of rivet holes 25/32" Whether punched or drilled drilled Pitch of rivets 2 1/16"
 Descrip. of riveting long. seams double riveted Rivets 3 Working pressure of shell by rules 104 lbs. Thickness of shell crown plates 9/16"
 Lap of plating 3 1/8" Per centage of strength of joint 91 Diameter of furnace Top 3'-9" Bottom 4'-3 3/8" Length of furnace 4'-11 7/8"
 Radius of do. 4'-9" No. of Stays to do. none Dia. of stays 1 1/4" Working pressure of furnace by rules 131 lbs. Thickness of furnace crown plates 5/8" Description of joint lap riveted Diameter of uptake 14" Thickness of uptake plates 1/2"
 Thickness of furnace plates 1 1/32" Radius of do. 4'-9" Stayed by 1 1/4" Seamed Stays The foregoing is a correct description.
 Thickness of water tubes 3/8" Safety valve washer = 3/32 Harry H. Davies Manufacturer.

During progress of work in shops -- 1908. Mar. 5. Apr. 1. 24. June 17. 26.
 During erection on board vessel ---
 Total No. of visits 6
 Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been made under survey the workmanship and materials are of good description & the Hydraulic test proved satisfactory

DRAWING No 6528.

Plans forwarded to Dundee 26/6/08.

Vessel now under survey at Dundee.

RETAIN

Survey Fee £ 2 : 2 : When applied for, June 24th 1908
 Travelling Expenses (if any) £ : : When received, 19

Committee's Minute GLASGOW 30 JUN. 1908 James D. Thomson Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Transmit to London 20th

JUL 21 1111 1908

