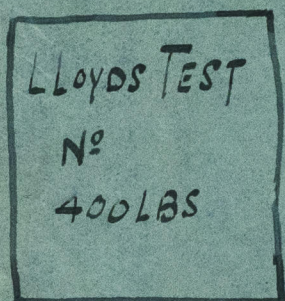


MESSRS. CHARLES D. HOLMES & CO. LD.

Nº 1009.

WORKING PRESSURE 200LBS.



J. Waldorf

Hull Report No. 26750.



RETAIN



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Lloyd's Register
Foundation

W1654-0138

DIMENSIONS.	
LENGTH OF FIRE BRICK	5-0
AREA OF FIRE GRATE	43 sq
DIAM OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES OVER FURNACE	6-7
NO OF TUBES	164
SURFACE OF TUBES	970
TOTAL HEATING SURFACE	1235
WORKING PRESSURE PER CI	200
DIAM OF SAFETY VALVE	2 1/2"

PARTICULARS OF RIVETING
 SHELL - LONGITUDINAL JOINT TO BE TREBLE RIVETED DOUBLE BUTT STRAP
 HOLES DRILLED 1/16" DIA. 3" PITCH
 CIRCUMFERENTIAL JOINT TO BE DOUBLE RIVETED LAP JOINT
 HOLES DRILLED 1/16" DIA. 3 1/2" PITCH
 CROSS SEAMS - DOUBLE RIVETED
 FURNACES - SINGLE RIVETED EXCEPT BOTTOM OF BACK END
 COMB. CHAMBER - SINGLE RIVETED EXCEPT BOTTOM OF FURNACE BACK

MANHOLE IN SHELL 15"x12"
 LINED INSIDE WITH 1/16" PLATE 7" BROAD

DOUBLE GIRDER STAYS OF STEEL
 1/2" THICK, FITTED WITH 3 STEEL
 SUPPORTING BOLTS 1 1/2" DIA. 2.07
 EFF. AREA
 GIRDERS 10 1/2" DEEP

COMBUSTION CHAMBER STAYS
 STEEL STAYS 1 1/2" DIA. 2.07
 EFF. AREA SCREENED INTO BOTH
 PLATES & FITTED WITH NUTS
 AT EACH END

PERCENTAGE OF JOINT
 PLATE 55%
 RIVETS 55%

STEEL STAYS 3/4" DIA. 7.5 EFF. AREA FITTED WITH NUTS & WASHERS AT EACH END.
 OUTSIDE WASHERS 6 1/2" DIA. 5/8" THICK OUTSIDE NUTS 3/4" DEEP
 INSIDE " 5 1/2" " 3/8" " INSIDE " 1 1/2" "

SHELL 29 TONS TENSILE

6'-7" OVER PLATES

58 STAY TUBES 5/16" IN BODY 1/4 EFF. AREA SCREENED AT ENDS TO 3 1/2" DIA.
 106 PLAIN TUBES 3 1/2" DIA. N° 5 WG SWELLED 1/2" AT FRONT

1/8" RIVETS 2 1/2" PITCH

2 1/2" STEEL STAY

3'-0" OUTSIDE DIA.

AR 3'x3'x3/4"

10'-6" LONG

6/11/12

APR 6/11/12

CHARLES D HOLMES & CO LTD
 ENGINEERS & BOILER MAKERS
 HULL 4th June 1912

PLAN NO2250

STEEL BOILER NO 1009