

DIMENSIONS.	
LENGTH OF FIRE BARS	
AREA OF FIRE CRATE	
DIAM. OF TUBES OUTSIDE	3 1/2"
LENGTH OF TUBES OVER PLATES	6'-9"
Nº OF TUBES	202
SURFACE OF TUBES	1275'
TOTAL HEATING SURFACE	1625'
WORKING PRESSURE	200 lbs
DIAM. OF SAFETY VALVE	2 1/2"

Longitudinal joint to be triple riveted double butt joint.

Circumferential joint to be double riveted lap joint.

Manhole in shell 16" x 12" lined
inside with 1/4" plate 7" broad.

Double end stays of steel
3/8" thick Centre 10 1/2" deep sides 10 1/4"
filled with 3 steel supporting bolts
1 1/4" dia 2.07 Eff area.

Stays marked S. to have double nuts.

Centre chamber stays
Steel stays 1 3/4" diam
2.07 Eff area.

All screwed stays to be of steel screwed into
both plates and filled with nuts at both ends.

Holes drilled 1 1/2" dia

Holes drilled 1/32"

Percentages of Strap
Holes 88-04 Plate 84-96
Thickness of outside strap 1/8"
inside 1/8"

SHELL PLATES 28 TONS TENSILE.

6'-9" Over plates

150 Plain tubes 3 1/2" O.D. x 8 W.G. swelled 1/2" at front end.

58 Stay tubes 3 1/2" O.D. x 7/8" thick in body.

Screwed at ends to 3 1/2" x 3 1/2"

Nuts 1 1/2" dia 2 1/4" pitch.

Nuts 1 1/2" dia 2 1/4" pitch.

Washers 3/8" thick
6 1/2" Dia

1 3/4" Steel stays
2.07 Eff area.

2 1/4" Steel stay
7 washers
3/8" thick.

1 3/8" Steel stays
2.4 Eff area

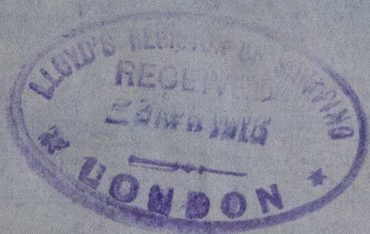
CHARLES D. HOLMES & CO LTD
ENGINEERS & BOILER MAKERS
3rd 21st HULL 1915.

STEEL BOILER Nº 1175

PLAN Nº 3592

DRAWER Nº 107
DRAWING Nº 1015

16253-0144



© 2020

Lloyd's Register
Foundation

W283-0144

C. A. Holmes H^o La

Boiler 1175

W. Pools

Residue 1119

2/3/16

$\frac{5}{8}$ Max Pemberton

Hull Rpt No 30028.

03198
Lloyd's test
Hools
19-3-17 FLS

X1253-0144



© 2020

Lloyd's Register
Foundation