

DIMENSIONS.

LENGTH OF FIRE BARS...
 AREA OF FIRE GRATE...
 DIAM OF TUBES OUTSIDE...
 LENGTH OF TUBES...
 NO OF TUBES...
 SURFACE OF TUBES...
 TOTAL HEATING SURFACE...
 WORKING PRESSURE...
 DIAM OF SAFETY VALVE...

SHELL - LONGITUDINAL JOINT TO BE TABLE RIVETTED DOUBLE BUTT STAPES
 HOLES DRILLED 1/16 DIAM 6 3/4 PITCH
 CIRCUMFERENTIAL JOINT TO BE DOUBLE RIVETTED LAP JOINT
 HOLES DRILLED 1/16 DIAM 3/4 PITCH

MANHOLE IN SHELL 16 X 12
 LINED INSIDE WITH 1/16 PLATE 7 BROAD

DOUBLE GIRDER STAYS OF STEEL
 3/8 THICK FITTED WITH 3 STEEL
 SUPPORTING BOLTS
 SIDE CHAMBER GIRDERS 3/4 DEEP
 BOLTS 1 1/2 DIA 1 1/4 AREA
 CENTER CHAMBER GIRDERS 10 1/2 DEEP
 BOLTS 1 1/2 DIA 2 07 AREA
 STAYS MARKED S
 TO HAVE DOUBLE NUTS

COMB CHAMBER STAYS
 1 1/2 DIA 1 1/4 EFF AREA

ALL SCREWED STAYS TO BE
 SCREWED INTO BOTH PLATES
 + FITTED WITH NUTS AT BOTH ENDS

13-0 0.0 X 10-6 LONG
 180 LBS.

PERCENTAGE OF JOINT
 PLATE 84.5% RIVETS 92%

INSIDE BUTT STAP 1 THICK
 OUTSIDE BUTT STAP 3/8 THICK

STEEL STAYS 3/8 DIAM 6 3/4 EFF AREA FITTED WITH NUTS + WASHERS
 WASHERS 6 3/4 DIA 3/8 THICK OUTSIDE NUTS 3/8 DEEP INSIDE NUTS 1/2 DEEP

SHELL 28 TONS TENSILE

50 STAY TUBES 3/8 THICK BOTH ENDS SCREWED AT ENDS
 TO 3/8 + 3/8 DIA

99 PLAIN TUBES 3/8 DIAM NO BANG SWELLED 1/4 AT FRONT ENDS

STEEL STAYS 1 1/2 DIA
 2 07 EFF AREA

STAYS MARKED THUS
 TO BE 1 1/2 DIA 2 07 EFF AREA

CHARLES D HOLMES & CO LTD
 ENGINEERS & BOILER MAKERS
 HULL

PLAN NO 3505

STEEL BOILER NO 1076-7

C. D. Holmes & Co

Boilers 1076 & 1077

working pressure 180 lbs

14/11/14

G. J. "Cargosfort" Hull RPT No. 28692

"Cotomuri" " " " 28693

RETAIN



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Lloyd's Register
Foundation

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