

LENGTH OF FIRE BARS	
AREA OF FIRE GRATE	
DIAM OF TUBES OUTSIDE	34
LENGTH OF TUBES	6-3
NO OF TUBES	138
SURFACE OF TUBES	718
TOTAL HEATING SURFACE	920
WORKING PRESSURE	180
DIAM. OF SAFETY VALVE	

DOUBLE GIRDER STAYS OF IRON  
7 $\frac{3}{4}$ " x 7 $\frac{1}{2}$ ". 7 $\frac{1}{2}$ " PITCH, FITTED  
WITH 3 STEEL SUPPORTING BOLTS  
1 $\frac{1}{2}$ " DIA 2.07 EFF<sup>VE</sup> AREA. 7" PITCH.

COMBUSTION CHAMBER  
STEEL STAYS 1" DIA<sup>R</sup> 1/8" EFF<sup>T</sup>  
DIA<sup>R</sup> 2" CT EFF<sup>T</sup> AREA  
SCREWED INTO BOTH PLATES  
+ FITTED WITH TRUYS AT BOTH  
ENDS

SHELL PLATES 29 TONS TENSILE

1 Pcs 3/4" OUT DIAM N°8 SW.G SWELLED AT FRONT END

LONGITUDINAL JOINT  
WELDED.

STAYS MARKED THUS (X)  
TO BE BETWEEN  
COMBUSTION CHAMBERS  
AT CENTRE

715" STAYS MARKED TO BE BETWEEN COMBUSTION CHAMBER SIDES + SHELL.

STAYS MARKED THU  
TO BE 178 DIAM.

# STEEL BOILER N° 687

687 12/8/02

PHD  
14.8.02  
L.S.  
13/8/02

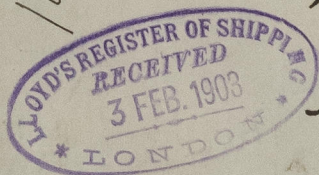
CHARLES D HOLMES & CO  
HULL ENGINEERING WORKS  
HULL 7-2-02

Charles S. Holmes & Co.

Boiler No. 687

for bookkeeping & penmanship no ~~187~~ <sup>24</sup>

1808



s/s Titan

Hull Report No.  
15158.



Boiler

RETAIN

W1603-0245



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