

Elys.

FRONT & BACK SEAMS DOUBLE RIVETED, $\frac{13}{16}$ " RIVET HOLES, $3\frac{1}{2}$ " PITCH, $5\frac{3}{8}$ " LAP.
COM. CHR. LONGITUDINAL " $\frac{15}{16}$ " " $2\frac{5}{8}$ " " 4"
COM. CHR. FURNACE SEAMS SINGLE RIVETED, $\frac{15}{16}$ " RIVET HOLES $2\frac{1}{2}$ " " $2\frac{1}{2}$ "

\$OG3OFF

DEIGHTONS.

PLAIN TUBES N° 8 W.G.

693 OFF 7'-10" LONG.

315 OFF 7'-10" LONG.

Technical drawing showing two plain tubes, labeled 693 and 315, with dimensions and specifications. The tubes are shown in cross-section and side view. The top tube is labeled 693 OFF 7'-10" LONG. and the bottom tube is labeled 315 OFF 7'-10" LONG. The drawing includes dimensions for the tube diameter (3 1/2"), wall thickness (3/16"), and the length of the tubes (7'-10"). The tubes are made of N° 8 W.G. (No. 8 Wire Gauge).

STAY TUBES $\frac{5}{16}$ THICK, 10 THREADS PER INCH, EFFECTIVE AREA 2.243 \square .

STAYS.					
TENSILE STRENGTH IN TONS PER SQ. IN.	DIA.	TH ^d PER IN.	EFF. DIA.	EFF. AREA	TOTAL IN. BOILER
27 TO	3 1/8	6	2.9128	6.7	14.
32.	2 1/2	6	2.2068	4.73	2.
26	2.	9	1.8578	2.695	4.
TO	1 3/4	9	1.7328	2.355	14.
30.	1 1/2	9	1.6076	2.031	398

STAYS

LONGITUDINAL SEAMS FITTED WITH DOUBLE BUTT STRAPS
STRAPS $1\frac{1}{8}$ " THICK. RIVET HOLES $1\frac{5}{8}$ " DIA.

TENSILE STRENGTH OF SHELL PLATES, BUTT STRAPS & MANHOLE
STIFFENING RINGS 29⁴ TO 33 TONS PER SQ. INCH.

TENSILE STRENGTH OF GIRDERS 29 TO 33 TONS PER SQ. INCH.

TENSILE STRENGTH OF ALL OTHER PLATES 26 TO 30 TONS PER SQ. INCH.

PORT.

STAR^{BD}.

POSITION OF BUTT STRAPS.

MANHOLE 16" x 12"

STIFFENING RING $8\frac{5}{8} \times 1\frac{7}{32}$.

RIVET HOLES. $1\frac{5}{16}$ DIA:

231 PLAIN TUBES 3 $\frac{1}{4}$ " EXT. DIA:
105 STAY TUBES " " " $\frac{5}{16}$ " THICK, MARKED S.
336 TOTAL IN ONE BOILER.

7'-9" OVER TUBE PLATES

11'-10 $\frac{1}{2}$ " FULL LENGTH.

-7-128

— 7 — 11

14. SCREWED STAYS (NUTTED)
15. " " MARKED A.

Mean pitch not to exceed
9' - 9" 9 1/2" CC back

\$06 \$09

Dickinson & Sons
806 Baker.

W Pickersolls & Sons
1/1 No. 191

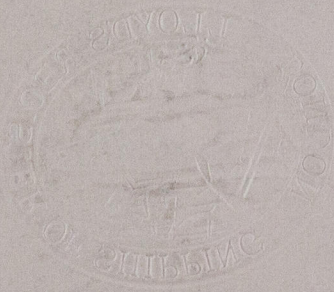
Avonmole



Diophys & Swindon



SUNDERLAND RPT. No. 26966



© 2021

Lloyd's Register
Foundation

W26 - 0174