



NOTE: SHELLS BEVELLED FROM RIVET HOLE TO EDGE OF PLATE TO ALLOW FOR WELDING.

210*W.P.
BOILER TO PASS
U.S. STEAMBOAT INSPECTION
AND LLOYD'S REGISTER AND AMERICAN BUREAU
315* TEST PRESSURE - U.S. RULES
315* TEST PRESSURE - LLOYD'S RULES
315* TEST PRESSURE - AMERICAN BUREAU RULES

HEATING SURFACE
TUBES 2194 SQ. FT.
FURNACES 235
COMB. CHRS. 215
TOTAL 2704 SQ. FT.

MATERIAL:
PLATES - STEEL - SHELLS, BUTT STRAPS, MARINE ST. COVERS, TUBE SHEETS, CROWN BARS, FLANGE ST. SHEETS, TUBE SHEETS, ALL OTHER PLATES AND FURNACES 54000 LB.
RIVETS, STEEL RIVET BARS 20000 LB.
STAY BOLTS TESTED W/IRON 48000 LB.



NO.	DESCRIPTION	QTY.	SIZE	REMARKS
1	SHELLS	2	17 x 125 x 281	
2	INSIDE BUTT STRAPS	2	17 x 23 x 115 1/2	
3	OUTSIDE BUTT STRAPS	2	17 x 23 1/2 x 125	
4	WING TUBE SHEETS	2	16 x 65 1/2 x 101 1/2	
5	WING FLANGE SHEETS	2	16 x 65 1/2 x 101 1/2	
6	COMB. CH. BUTT - WING	2	16 x 32 1/2 x 69	
7	COMB. CH. BUTT - CENTER	2	16 x 32 1/2 x 116	
8	WING WRAPPER	2	16 x 32 1/2 x 207 1/2	
9	CENTER WRAPPER	1	16 x 32 1/2 x 207 1/2	
10	FRONT HD DOUBLERS	2	16 x 9 x 63	FOR FRONT
11	BACK HD DOUBLERS	2	16 x 10 x 78	FOR BACK
12	BACK HD DOUBLERS - POWER	2	15 PER SHEET	
13	FRONT LOWER HDS	2		
14	BACK LOWER HDS	2		
15	CROWN BAR	1		
16	MANHOLE COVER	1		
17	ASBESTOS			

ALTERATIONS
SECTION Y-Y ADDED TO SHOW END WELD IN SHELL PLATES
DATE: 11/10/10

NOTE: ALL STAY BOLTS TO HAVE A DRILLED HOLE IN EACH END OF BOLT HOLE TO PROJECT BEYOND SHEET SUPPORTED.

NOTE: RIVET HOLES DRILLED & LARGER THAN RIVET IN BUTT STRAPS ARE FLAT WHEN FINISHED. SHEET ROUNDABOUT SEAMS DRILLED 1/8" IN FLAT PLATE EXCEPT UNDER BUTT STRAPS - HOLES UNDER BUTT STRAPS DRILLED FULL SIZE FROM BUTT STRAP IN PLACE.

2016/10

WILLAMETTE IRON AND STEEL WORKS
ENGINEERING DEPT. OREGON
STAINED STEEL FOUNDATION

14 1/2 x 11 1/2 SCOTCH MARINE BOILER

W 202-0001

Empire Sambar ex Waban
London Report No 108938

Boiler.

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Lloyd's Register

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