

7 OCT 1949

TORONTO, CANADA
Report No. 1320WELDING REPORTter Wheeler Ltd.
Catharines, Ont. Two 2-Drum "D" Type Fusion Welded Water Tube BoilersCross Weld Tensile

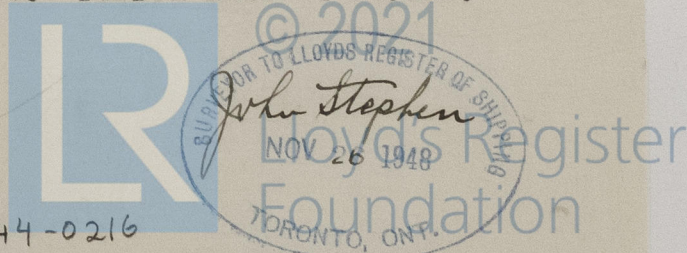
Boiler No.	Drum	Lloyd's No.	Width Inches	Thickness Inches	Area sq. inches	Ultimate Stress p.s.i.
266-1621	Steam	693	.858	.880	.756	67800
"	Water	695	1.011	1.774	1.790	70200
267-1622	Steam	694	.878	.888	.780	67100
"	Water	696	.986	1.737	1.714	66700

Bend tests through 180° without fractureAll Weld Tensile

Boiler No.	Drum	Lloyd's No.	Dia. Inches	Area sq. inches	Ultimate Stress p.s.i.	Elongation on 1.79"	Reduction of area
266-1621	Steam	693	.504	.200	66600	38.5%	72.0%
"	Water	695	.500	.196	67700	33.0%	66.5%
267-1622	Steam	694	.505	.200	65900	41.0%	67.5%
"	Water	696	.508	.203	66000	38.5%	68.5%

Izod Impact

266-1621	Steam Drum	Center of Weld	67 ft.lbs.	Fusion Zone	54 ft.lbs.
"	Water Drum	Center of Weld	80 ft.lbs.	Fusion Zone	51 ft.lbs.
267-1622	Steam Drum	Center of Weld	65 ft.lbs.	Fusion Zone	63 ft.lbs.
"	Water Drum	Center of Weld	74 ft.lbs.	Fusion Zone	74 ft.lbs.



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