STANDARD HORIZONTAL TUBULAR BOILERS

100 Pounds Pressure.

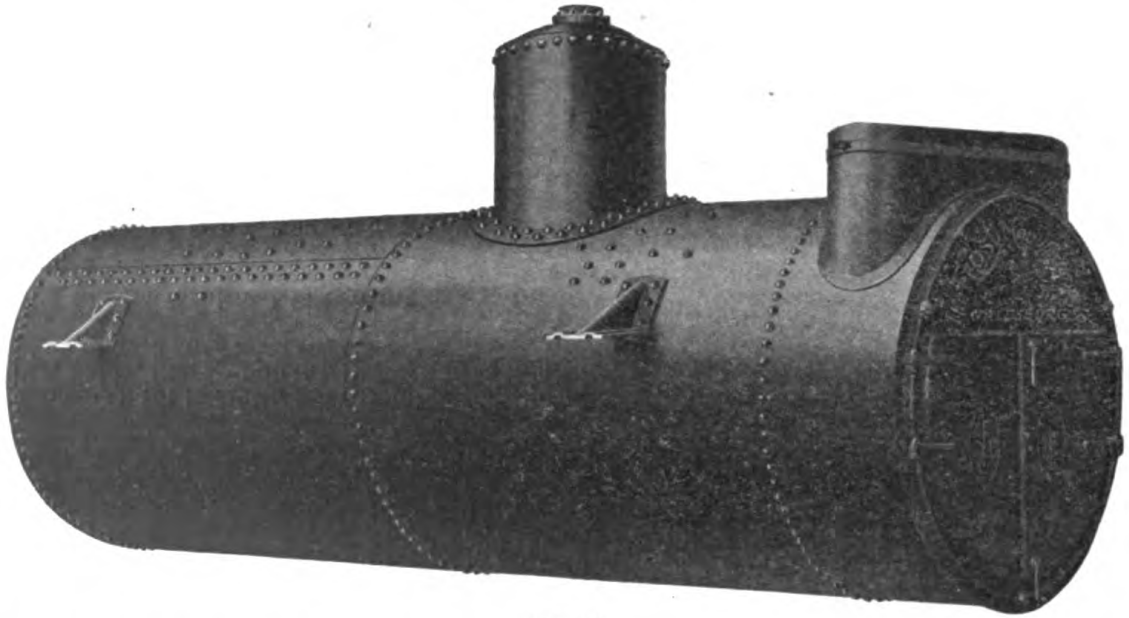

Fig. 10

Material—The Shell, Heads and Braces are Open Hearth Flange Steel of 60,000 pounds tensile strength. The Rivets and Tubes are the best obtainable.

Shells—Except when otherwise specified, all Shells are extended at the front end to form the Smoke Box. Boilers with Flush Ends and with Smoke Box bolted to Front Head can be furnished when specified. Boilers 8 feet long or less are made of one plate; over 8 feet and under 18 feet long, of two plates; 18 feet long and over, of three plates. Eighteen foot Boilers with Flush Ends are made of two plates. All Plates extend the entire circumference of the Shell.

Dome—The Standard Dome is riveted to the Shell. When specified, we can furnish Boiler without Dome; or with Independent Detachable Dome, Dry Pipe or Baffle Plate.

Tubes—All Tubes are Lap Welded Steel. We are prepared to furnish Seamless Steel or Charcoal Iron Tubes when specified..

Riveting—The Horizontal Seams of Boilers 66 inches in dia. or less are Lap Joint, Double Riveted, and those of Boilers 72 inches in dia. and over are Butt Joint, Double Riveted, with Double Covering Strips.

Manholes and Handholes—Boilers smaller than 48 inches in dia. have a Flanged Manhole in Rear Head above the Tubes and a Handhole in Front Head below the Tubes. Boilers 48 inches and larger in dia. have a Flanged Manhole in Front Head below the Tubes and another in the Rear Head, above the Tubes.

Supports—For supporting Boilers, two heavy Pressed Steel Lugs are riveted to Shell on each side. When specified, we will furnish Removable Lugs, or Steel Loops for suspension.

Test—Each Boiler is made tight under a Hydrostatic Test Pressure, 50 per cent. in excess of the rated working pressure, and when requested we will furnish a certificate of such test. When desired, we can furnish a policy of insurance in a reliable Boiler Insurance Company, at actual cost.

These Boilers are suitable for Half Arch Fronts.