



# **Plas-Tanks**

**INDUSTRIES, INC.**

## *Experience the Benefits of Plas-Tanks Industries' RTP-1 Equipment*

- ▶ **The standard was developed by the American Society of Mechanical Engineers.**
- ▶ **RTP-1 is the “Safety Standard”. It provides guidelines for the design and fabrication of tanks that will create the safest environment for the end user’s processes and their employees.**
- ▶ **A byproduct of the “Safety Standard” is that because of the increased safety factors used and the additional precautions taken during fabrication, the service life of the tanks will increase as well. Lifetime cost!**
- ▶ **There are only seven companies, world-wide, who are certified to this standard. These seven fabricators are widely considered the top tier of FRP tank manufacturers.**
- ▶ **A very rigorous, time consuming, and expensive shop qualification process has allowed Plas-Tanks to achieve the position they are in today.**
- ▶ **The RTP-1 Standard for tanks is +/- 15 psig.**
- ▶ **RTP-1 requires that a quality system be in place (inspection of incoming material, scheduling and notification of “hold points”, in-process and final product inspection, rectifying non-conformities, maintenance and calibration of inspection and test equipment, and internal audits).**
- ▶ **RTP-1 requires that ALL integral tank components be fabricated by an RTP-1 certified shop.**
- ▶ **RTP-1 requires “tapered” secondary lay-ups to prevent the shearing effect that thicker parts experience when there is a sudden step-off.**
- ▶ **RTP-1 requires that the design and calculations used be stamped by a professional engineer.**
- ▶ **The minimum thicknesses required by RTP-1, in most cases, exceed other industry standards.**
- ▶ **RTP-1 has more stringent tolerances for fabricated parts, flatness, orientation, elevation, thicknesses, etc. than other industry standards.**
- ▶ **Multiple inspections are required throughout the fabrication process, by either internal or outside inspectors (end user’s preference) to continually verify compliance.**
- ▶ **All raw materials that go into an RTP-1 stamped tank are tested at length to assure that all characteristics fall within the allowable specifications.**

*To experience the benefits of Plas-Tanks Industries, please visit our website at [www.plastanks.com](http://www.plastanks.com) to locate a representative in your area.*