QUENCH TANK FABRICATION

FIBA Technologies, Inc., a globally recognized leader in providing gas containment equipment and services, contracted Summit Metal Fabricators to fabricate a new 2 piece quench tank that could be transported over the road to their new facility.

The tank weighs 110,000 pounds and is 55 feet long by 14 feet wide and 14 feet tall. The design required all tolerances including internal components to be less than 1/8th inch over the 55 foot length.

The bottom and top sections were fabricated separately and fit perfectly when welded together at the facility.

Special rigging for transport required a 30 ton forklift, (2) 70 ton cranes, and a custom low bed stretch trailer. Delivery to the Littleton, MA facility required multi-state permits and escorts (see pictures below).

This complex project had a very aggressive schedule. SMF delivered the tank, with all welds tested and passed, one week ahead of schedule.