

WATER AND WASTEWATER TREATMENT

Key Products

- Hydropneumatic Tanks
- Media Filtration Tanks
- Sand Filter Tanks
- Walnut Shell Filter Tanks
- Chilled Water Buffer Tanks
- Horizontal Pressure Filter Tanks
- Ion Exchange Tanks
- Activated Carbon Vessels
- Surge Tanks
- Dissolve Air Flotation (DAF)
- ASME B31.3 Process Piping
- Floc Tanks
- Core Values



Samuel Pressure Vessel Group is a trusted manufacturing partner serving the Wastewater, Water Treatment, Water Filtration, and Potable Water industries. With four strategically located facilities, Samuel provides regional manufacturing strength, enabling faster project execution and the ability to meet tight deadlines.

SPVG has extensive experience in fabricating and installing internal components, along with comprehensive interior and exterior finishing capabilities at each location. Samuel's head manufacturing expertise and capacity to produce over 60,000 carbon steel pressure vessels annually demonstrate both scale and reliability.

In addition to carbon steel, Samuel offers a unique capability in advanced materials, including 300 series stainless steel, Duplex 2205, Hastelloy, Inconel, Monel,

and AL6XN — providing flexibility to meet complex engineering requirements. SPVG also has a strong history of supporting engineering firms and OEMs with tailored, engineered product solutions.

Guided by a solutions-based mindset and customer-focused approach, Samuel is committed to innovation, automation, and continuous improvement. Above all, SPVG maintains an uncompromising dedication to safety, quality, and long-term partnerships.

Capabilities

- Pressure vessels in carbon steel, 300 series stainless steel, Duplex 2205, Hastelloy, Inconel, Monel, and AL6XN
- In-house Head manufacturing
- Diameters ranging from 6" to 192"
- Fabrication capabilities up to 80 tons
- Ladder and platform design and manufacturing
- Design pressures from full vacuum to 10,000 PSI
- Heavy wall fabrication, up to 6" thick carbon steel and 3" thick stainless/alloy
- CNC HD plasma cutting, up to 2" thick
- Lights-out CNC laser burning
- CNC machining for precision parts
- CNC rolling capabilities up to 10" in length and 1" thick
- Special design approvals, including: ABS, CE/PED, CRN, AS1210, MOM, MWHL, BV, LLOYDS, UN/DOT, and SELO
- Custom data packages for your specifications or to support registering equipment in another country (NR13, GOST, Algerian Code, etc.).



In-House Services

- Digital Radiographic Examination (DRE)
- Ultrasonic Testing (UT)
- Dye Penetrant Testing (PT)
- Magnetic Particle Testing (MT)
- Helium gas testing
- Positive Material Identification (PMI)
- A wide range of carbon steel finishing options, including:
 - Bare steel (blasted)
 - Primer
 - Enamel
 - Epoxy
 - Powder coating
 - 3-coat applications to customer specification
 - Galvanizing
 - Plating
 - Rubber lining
- A wide range of stainless steel finishing options, including:
 - Industrial color cleaned
 - Aluminum oxide blast
 - Glass bead blast
 - Mechanical polish (RA finish)
 - Electropolished
 - Exterior paint finish



Certifications

- ASME Section VIII, Division I and 2 certifications
- ISO 9001: 2015 standard certified
- API 650 / API 12F / AWWA D100
- ASME B31.3 Process Piping
- National Board "U", "U2", "UM", and "NB" stamps qualified



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