



PRECISION FABRICATION FOR BIOGAS, HYDROGEN, AND INDUSTRIAL APPLICATIONS

Engineered for complex infrastructure challenges.

ENGINEERED EQUIPMENT FOR CRITICAL OPERATIONS

Our expertise covers a wide range of process infrastructure, including:

- Biogas purification and **CO₂ removal vessels**
- Hydrogen **storage and distribution tanks**
- RNG processing **skids and modular units**
- Pressure swing adsorption (**PSA**) **systems**
- **Gas-liquid separators**, knock-out drums, and surge tanks
- Columns, digesters, and substrate mixing **vessels**
- Chemical and process **water storage tanks**
- TESSEL™ and ModFlex™ **integrated modular systems**

PARTNER WITH PETROSMITH

We work as a true fabrication partner, **turning complex specifications into certified equipment you can trust.** Our team focuses on precision, reliability, and flexibility to help you meet your customer goals and maintain operational uptime.

THE NEED FOR RELIABLE PROCESS EQUIPMENT

Emerging energy and industrial markets demand precise, durable, and code-compliant solutions that can withstand harsh operating environments. Petrosmith fabricates engineered equipment designed to meet these challenges, **supporting renewable energy and heavy industrial applications with dependable infrastructure.**

OUR MANUFACTURING ADVANTAGE

With over **400,000 sq ft of fabrication and assembly space**, Petrosmith combines advanced equipment, skilled teams, and full-scope capabilities. From engineering to welding, hydro testing, and coatings, we manage every step with **strict quality control to deliver high-performing, made-to-spec solutions.**

WHAT SETS US APART

- ASME and API-certified fabrication for high-pressure systems
- Vessels up to **16 ft diameter, 60 ft length, 100,000 lbs**
- Full lifecycle support from engineering through QA testing
- Modular designs for **field efficiency and scalability**
- Corrosion-resistant coatings and linings for harsh environments
- Proven track record across **energy, industrial, and processing markets**