

PRECISION CLEANING

Since 1965, Technical Micronics Control, Inc. (TMC) has delivered precision chemical cleaning services to aerospace, defense, government, and commercial partners. Our 7-acre campus includes three AS9100-certified ISO 14644 cleanrooms (two Class 7, one Class 8) and specialized equipment including an on-site hose tower for processing extended-length stainless steel hose assemblies. We also operate a mobile fleet for on-site cleaning and testing of large vessels and installed systems.

TMC specializes in precision cleaning, passivation, and pressure testing for industries including aerospace, aviation, defense, automotive, medical device, biopharmaceutical, and semiconductor. Our cleanliness verification capabilities meet standards such as CGA G-4.1 and ASTM G93 for Oxygen Service, and IEST-STD-CC1246 Level 100 R1(A) for spaceflight hardware and Level 50 for manned space missions and the most rigorous standards. TMC is an approved vendor for NASA, and for many prime contractors including SpaceX, Blue Origin, ULA, Boeing, Lockheed, and Aerojet Rocketdyne, and others across varied industries.

With an in-house engineering team and streamlined processes, we deliver efficient solutions to complex challenges, achieving an average turnaround of six days, with expedited service available for critical deadlines.

PARTS PROCESSED

- ▶ Valves
- ▶ Hoses
- ▶ Fittings
- ▶ Fasteners
- ▶ Filters
- ▶ Tubes
- ▶ Pipes
- ▶ Manifolds
- ▶ Tanks and Pressure Vessels
- ▶ COPVs
- ▶ Additive Manufactured Parts
- ▶ Gauges
- ▶ Sensors
- ▶ Nozzles

CAPABILITIES & SERVICES

- ▶ Precision Cleaning
- ▶ Passivation
- ▶ Packaging & Assembly
- ▶ Vacuum Bakeout
- ▶ Chemical Etching
- ▶ Pressure Testing
- ▶ Hydrostatic & Pneumatic Testing
- ▶ Class 7 & Class 8 Cleanroom

