

ADVANCED NUCLEAR



precisionexpedited.com

Hardware for advanced nuclear R&D and test loops.

Test loop components, fixtures, enclosures, and prototype hardware for advanced nuclear programs. Precision Expedited supports R&D, prototype, and non-safety-related hardware under our ISO 9001:2015 quality management system, sourcing CNC machining, sheet metal, and finishing through a vetted network that runs stainless and nickel alloys every week. One contact owns the job start to finish.

How We Review It

Your project manager and a technical lead review every print within 24 hours. If your part is safety-related or your PO invokes ASME NQA-1 or 10 CFR 50 Appendix B, we confirm vendor qualification before quoting and tell you plainly if the job isn't a fit.

What We Source

Matched to shops that run stainless and nickel alloys.

- **Test Loop Components** · Machined stainless
- **Flanges + Fittings** · Turned and milled
- **Enclosures + Skids** · Fabricated, welded
- **Instrument Mounts** · Tight-tolerance brackets
- **Heat Exchanger Parts** · Machined or additive
- **Fixtures + Tooling** · For assembly and test
- **Prototype Hardware** · Fast-turn, any process
- **Wire Harnesses** · Built to print

Specifications

- **Tolerances:** ± 0.005 " standard, to ± 0.001 " on critical features
- **Materials:** 304 + 316L stainless, Inconel, carbon steel
- **Scope:** R&D, prototype, and non-safety-related hardware
- **Quality:** ISO 9001:2015 quality management system
- **Documentation:** Certs + inspection records, FAI on request
- **Quote review:** Within 24 hours

Before It's Built

Nuclear test programs often start from a lab drawing that was never meant for a supplier. We check material and weld callouts, cleanliness and handling notes, and which features will drive cost on a repeat build, and we confirm the quality requirements on your PO before work is placed. You hear about it before the quote goes out.

Quality + Compliance

ISO 9001:2015

AS9100D Compliant

ITAR Registered

NIST 800-171 Compliant

Tolerances to ± 0.001 "

Inspection before shipment

Domestic sourcing

Built Fast. Built Right.

Send us your files.

Scan or visit precisionexpedited.com/contact

