

POWER GENERATION



precisionexpedited.com

Turbine and generator parts, sourced to spec.

Turbine components, generator hardware, housings, and test fixtures for power generation programs. Precision Expedited sources CNC machining, sheet metal, additive manufacturing, and finishing through a vetted vendor network that runs Inconel, stainless, and copper every week. Every print gets engineer review before a supplier sees it, and one contact owns the job from prototype through repeat lots.

How We Review It

Your project manager and a technical lead review every print within 24 hours. For generation hardware we confirm heat treat and material callouts, check tolerance stacks on rotating and mating parts, and match the job to a shop that runs the alloy on your drawing.

What We Source

Matched to shops that run nickel alloys and stainless.

- **Turbine Components** · Machined Inconel + stainless
- **Generator Hardware** · Copper and steel
- **Housings + Covers** · Machined or fabricated
- **Shafts + Couplings** · Turned to print
- **Brackets + Mounts** · Cut, formed, welded
- **Manifolds + Fittings** · Machined or additive
- **Test Fixtures** · Fast-turn prototypes
- **Wire Harnesses** · Built to print

Specifications

- **Tolerances:** ± 0.005 " standard, to ± 0.001 " on critical features
- **Materials:** Inconel 625 + 718, stainless, carbon steel, copper
- **Processes:** CNC milling + turning, sheet metal, additive
- **Heat treat:** Sourced to the spec on your print
- **Documentation:** Material + process certs, FAI on request
- **Quote review:** Within 24 hours

Before It's Built

Generation hardware often starts as a one-off for a test stand and becomes a repeat part. We check which features drive cost in nickel alloys, where a machined part could be additive or the reverse, and whether lead time on bar stock fits your outage or test date. 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

