

**Wood Group Pratt & Whitney  
Industrial Turbine Services, LLC**

1460 Blue Hills Avenue  
Bloomfield, Connecticut 06002  
(860) 286-4600



## Mechanic

### **SUMMARY**

Responsible for performing various overhaul and repair duties on GG4A, GG4C and/or GG8 power gas turbines in accordance with WGPW established methods and practices.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include but are not limited to the following:

- Loading and unloading of trucks using a forklift truck or bridge crane.
- Disassembly of gas turbines and sub assemblies using hand tools.
- Preparation of as-received shortage and condition reports.
- Removing broken bolts and hardware.
- Cleaning parts by hand using brushes, scotch brite, wire wheels, varsol and other various cleaning solvents and abrasive blast methods.
- Minor modification work such as blending, polishing and replacement of nut plates and bushings.
- Build up of sub and final assemblies using hand tools and precision measuring equipment.
- Static and dynamic balance of rotors.
- Dimensional checks, bearing torques, compartment air flow and pressure checks.
- Hot oil flow checks of nozzles.
- Preparing the final product for shipment.
- Special projects as directed by supervision.
- Works overtime as required.
- Maintains a safe and clean work area and adheres to all housekeeping requirements. Follows all safety procedures and rules and properly wears all safety protective equipment as required.
- Conducts oneself in a businesslike manner and in the spirit of teamwork.
- May be required to drive company vehicles to pick up or deliver parts and tooling.
- May require travel to remote sites to perform field service work.
- May be required to work at other WGPW locations due to fluctuating work loads.

**QUALIFICATIONS:** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the Knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **EDUCATION and/or EXPERIENCE**

Equivalent to high school plus additional broad specialized training in an aviation or technical school, military training and one to three years related experience; or equivalent combination of education and experience.

### **LANGUAGE SKILLS**

Ability to read and interpret documents such as safety rules, operating and maintenance instructions and procedure manuals.

**MATHEMATICAL SKILLS:** Ability to calculate figures such as ratios, area, circumference and volume. Ability to apply the basic concepts of algebra, geometry, trigonometry and shop math as they relate to fits and clearances, running positions and vector analysis.

**REASONING ABILITY:** Ability to solve practical problems using pre-existing standards. Ability to interpret a variety of instructions furnished in written, oral, diagram or schedule form.

**CERTIFICATES, LICENSES, REGISTRATIONS**

Airframe & Powerplant License preferred but not required.

**OTHER SKILLS AND ABILITIES**

Must have good mechanical skills, a high level of manual dexterity including hand-eye coordination and the ability to accurately use precision measuring tools such as micrometers, calipers and dial indicators. Must be able to read, interpret, document and use manufacturer's technical manuals, service bulletins, illustrated parts catalogs, assembly drawings, AOS sheets and WGPW assembly records. Must be able to effectively and safely use manufacturer's special tooling and lift and turn equipment.

**PHYSICAL DEMANDS:** While performing the duties of this job, the employee is regularly required to stand, and use hands to finger, handle or feel objects, tools and controls. The employee is occasionally required to walk; sit; reach with hands and arms; climb or balance; stoop, kneel, crouch or crawl; and talk or hear. The employee must occasionally lift and move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

**WORK ENVIRONMENT:** While performing the duties of this job, the employee may occasionally work in high, precarious places and in outside weather conditions or be exposed to moving mechanical parts, fumes, airborne particles, solvents and oils.

NO PHONE CALLS PLEASE.

EOE/M/F/D/V