

Gas Turbine Engineer

Headquartered in San Diego, California, U.S.A., Solar Turbines Incorporated, a wholly owned subsidiary of Caterpillar Inc., is a leading manufacturer of industrial gas turbines with more than 11,800 units with over one billion operating hours in some 93 countries. Solar Turbines' products include gas turbine engines (rated from 1590 to 20,500 horsepower), gas compressors, and gas turbine-powered compressor sets, mechanical-drive packages and generator sets (ranging from 1 to 15 megawatts). As the Original Equipment Manufacturer (OEM), Solar has a global network of offices and facilities to support customers with a variety of service products and programs as well as an experienced technical support team. We currently have openings for a Mechanical or Aerospace Engineer with gas turbine and overhaul experience in our Desoto, Texas facility located on the outskirts of the Dallas/Ft. Worth Metroplex.

Description:

Manufacturing Engineering positions are designed to provide engineers with a challenging environment for assuring the quality, durability, reliability and cost of Overhauls and remanufacturing of gas turbine engines and accessories for one or more Solar product lines. Work closely with Overhaul and design resources and Worldwide Overhaul Centers to address and document technical issues that arise during disassembly, detailed part and sub-assembly remanufacturing and processing.

Additional responsibilities involve data analysis, materials research and analysis, engine repair and assembly support, research and analysis of design changes for product improvements, manufacturing support, designing tools for conformance with specifications in the areas of reliability, performance, cost, serviceability and manufacturability.

Functions:

- Facilitate the continuous improvement of processes, procedures, equipment, and tooling
- Provide technical engineering support to all internal customers and suppliers (Production, Quality, Materials, Purchasing and Supply Chain)
- Develop shop routings and process instructions for gas turbine engine detailed parts
- Identify and evaluate tooling and fixtures
- Assist Planners, Supervisors, and Engineers with technical support

Qualifications:

- B.S. Degree in Mechanical or Aerospace Engineering (or equivalent engineering degree)
- Zero to 2 years of technical experience
- Zero to 2 years of experience in manufacture or repair of gas turbine hardware
- Proficient in engineering and office-based computer applications

Solar Turbines offers a competitive compensation and benefits package including medical, dental, vacation, 401k, pension, incentive bonus, and more.

Solar Turbines is an equal opportunity employer.

Solar Turbines conducts drug screens and background checks.