



ThermAvant is seeking a full-time Production Associate (onsite), to work closely with Production and Engineering to support the design, build, testing and troubleshooting of custom thermal products.

Key Responsibilities

- Build and install test fixtures, instrumentation, and controls to conduct functional tests accurately and timely according to engineering provided instruction
- Process parts through all processes including fluid processing, testing, final assembly and shipping
- Operate testing equipment, e.g. data acquisition systems, multimeters, power supplies, chillers, etc.
- Communicate with managers on progress of assigned tasks and technical problems
- Assist in planning requirements for fabricating, installing, testing, and servicing heat transfer assemblies and systems
- Assist in maintaining a quality laboratory setting by implementing and demonstrating standard practices for new or existing equipment
- Aid in establishing and preserving documented procedures
- Perform quality assurance tasks on in-process and final hardware per specifications while meeting production schedules
- Practice and promote safety and good housekeeping practices
- Perform and participate in inspections, audits, and resolving non-conformities
- Work with others to promote and maintain a positive working environment
- Source and procure supplies, e.g. requesting quotations, generating requisitions, working with vendors
- Basic electrical wiring, instrumentation, and controls for various systems
- Other duties as assigned

Candidate dependent tasks:

- Fabricate nonstandard parts for systems using hand tools and power tools
- Light machining on manual lathe, vertical mill, drill press and band saw
- Review supplier catalogs and technical data to recommend equipment unit selections for systems.



Job Requirements:

- ***APPLICANT MUST PROVIDE PROOF of US CITIZENSHIP or US PERMANENT RESIDENCY***
- Coursework, certificate or degree from technical school in related field of study
- Familiarity with AS9100, ISO 9001:2008 or similar quality management procedures and processes (preferred)
- Ability to read and interpret mechanical drawings and schematics for fabrication and assembly
- Good computer (Word, Excel, e-mail) and communication skills (written and verbal)
- Meticulous attention to detail
- Good manual dexterity
- Able to physically handle heavy materials (>50 lbs) when necessary
- Desired experience with tools, equipment and processes including:
 - Basic electrical circuit theory
 - Structural soldering (not solely wire or chip soldering)
 - Laboratory testing in a controlled environment
 - Troubleshooting and development of first-generation solutions requiring practical on-the-floor solutions
 - Fluid handling, e.g. refrigerants, including cryogenic and hazardous fluids
 - Vacuum systems
 - General metal fabrication using hand or manual tools

Salary & Benefits

For full-time employees, ThermAvant offers competitive salaries, a performance-based bonus plan, health, dental and vision insurance, paid vacation and sick leave and paid holidays.

Job Type: Full-time

Salary: \$15.00 - \$25.00 per hour

Expected hours: 40 per week