

Mechanical Technician: Sr. Mechanical Technician

Performs a variety of duties assisting mechanical engineers in the development of mechanical and electro-mechanical engineering designs, tests, fabrications, modifications, assemblies and components. Drafts detailed drawings for fabrication. Devises, fabricates and assembles new or modified mechanical components or assemblies. Sets up and tests complete prototype units and subassemblies under operational conditions. Analyzes data and recommends modifications to components or test procedure to meet desired specifications.

Knowledge

Extensive knowledge in specialized functions. A wide and comprehensive acquaintance with, and understanding of, both general and specific aspects of the job and their practical application to complex problems and situations ordinarily encountered.

Supervision Received

Minimal supervision. Work may be done without established procedures.

Consequence of Errors

Errors are very difficult to detect and would normally require significant expenditures to resolve.

Contacts

Contacts are frequent with individuals representing outside organizations and/or individuals of significant importance within the company. Contacts involve planning and preparation of the communications, require skill, tact, persuasion and/or negotiation to accomplish the objectives of the communication.

Work Products (Examples may include but are not limited to)

Perform assy tasks, electrical cable and CCA builds. Can design, fabricate and document complex electro-mechanical fixtures, assys and cables. Must be proficient with soldering equipment, general hand tools, electronic troubleshooting tools and machining equipment (lathe, mill, band saw and other machine tools).

Minimum Education and Experience

High school diploma and an Associates degree (EE or EET preferred), plus 10 years of experience; minimum of 5 years machining experience, CNC knowledge.