

Mechanical Technician: Mechanical Technician II

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

Full knowledge of the job. Substantial acquaintance with, and understanding of, general aspects of the job with a broad understanding of the detailed aspects of the job.

Supervision Received

General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments.

Consequence of Errors

Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction.

Contacts

Contacts are typically with individuals within own department and occasionally with contacts outside own organization. Contacts involve obtaining or providing information or data requiring some explanation or interpretation.

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

Perform mechanical and electrical assy tasks, electrical cable and CCA builds. Can recommend electrical and mechanical solutions. Can document electrical assys. Must be proficient with soldering equipment, general hand tools and electronic troubleshooting tools.

Minimum Education and Experience

High school diploma and an Associates degree, plus 2 years of experience (EE or EET preferred).