

Technician: Technician III

Performs a variety of duties in the electronic, mechanical, electromechanical and/or optical areas. Constructs, troubleshoots, calibrates, adjusts, tests, diagnoses and maintains equipment, components, devices or systems. Works from schematics, engineering drawings and written or verbal instructions. Operates related equipment; conducts tests and reports data in prescribed format. Performs calibration and alignment checks; makes adjustments, modifications and replacements as directed; prepares prescribed compounds and solutions. Excludes technicians working in production or quality assurance.

Knowledge

Considerable knowledge of the job. Complete acquaintance with, and understanding of, the general and detailed aspects of the job and their practical applications to problems and situations ordinarily encountered. Implements and performs technical and complicated calibration and/or test on a wide variety of products. Performs pressure tests. Creates fixtures for use in mounting products during test. Coordinates test functions during designated shift with attention to quality of workmanship and efficient job completion. Provides training to upgrade technical skills of lower level technicians.

Supervision Received

Limited supervision. No instructions needed on routine work and general instructions given on new lines of work or special assignments.

Consequence of Errors

Errors may be difficult to detect and would normally result in loss of customer business, material or equipment to resolve.

Contacts

Contacts are frequent with individuals representing other departments and/or representing outside organizations. Contacts involve obtaining or providing information or data on matters of moderate importance to the function of the department or which may be of sensitive nature.

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

PC with Microsoft Products, Automated Test Station, Oscilloscopes, Meters, etc.

Minimum Education and Experience

Must be able to obtain a DOD Clearance. Requires a broad knowledge of electronics, test equipment and trouble shooting skills. Requires an Associates Degree in Electronics Technology with a minimum of 4 years electronics work experience. 2 years Acoustic Test experience is preferred.