

Calibration Technician: Calibration Technician III

Calibrates electronic test measuring equipment and signal generating equipment to conform to set standards. Tests, calibrates, adjusts and maintains electromechanical, mechanical, optical, pneumatic, hydro mechanical and pressure-type measuring and indicating instruments. Sets up calibration sequences, methods and procedures according to detailed specifications, blueprints, drawings and requirements. Disassembles, cleans, repairs and replaces defective parts of test equipment such as pressure gauges and tension meters. May monitor and verify quality in accordance with statistical process or other control procedures.

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.

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)

Calibrates, repairs, maintains, and develops manual and automated calibration procedures for electronic and mechanical equipment. Provides guidance and on-the-job training to less experienced ECM technicians. Ensures correct procedures, equipment standards and methodologies are being utilized. Answers questions and addresses problems encountered by these technicians during the performance of their duties. Provides in-depth on-the-job training on troubleshooting and repair of highly complex electronic and electromechanical equipment.

Minimum Education and Experience

AS in Engineering Technology, Military Electronic Specialty School or equivalent experience. 5+ years of diversified electronic calibration and maintenance experience with an A.S. Degree or Military Electronic Specialty school, or 10+ years of diversified electronic calibration and maintenance experience.