

Calibration Technician: Sr. Calibration Technician

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

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)

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. Provides in-depth on-the-job training on troubleshooting and repair of highly complex electronic and electromechanical equipment. Keeps abreast of new developments in equipment calibration and maintenance. Assists in the study and analysis of existing programs, systems and equipment to improve efficiency and optimize utilization and cost effectiveness. Helps provide cost justification for new programs, systems and equipment. Participates in the coordination and implementation of approved changes.

Minimum Education and Experience

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