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. Exclude technicians working in production or quality assurance.

## 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.

## **Consequences 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)

## **Minimum Education and Experience**

6+ years directly related experience with Associates Degree in Engineering or related field. Advanced MS Word, PowerPoint and Excel skills.