

# Electromagnetic Engineer: Electromagnetic Engineer II

---

Designs and tests electromagnetic products and testing processes using electromagnetic interference (EMI) and electromagnetic compatibility (EMC) concepts and solutions. Applies MIL standards and specifications to modify requirements to meet product performance. Performs EMI/EMC, lightning and electromagnetic pulse (EMP) analysis. Creates test reports, procedures and EMI/EMC control plans. Uses software such as PSpice and Math CAD.

## **Discretion/Latitude**

Works under general supervision. Follows established procedures. Work is reviewed for soundness of technical judgment, overall adequacy and accuracy.

## **Knowledge, Skills and Abilities**

Frequent use and application of basic technical standards, principles, theories, concepts and techniques.

## **Problem Solving**

Provides solutions to a variety of technical problems of moderate scope and complexity.

## **Impact**

Contributes to the completion of milestones associated with specific projects. Failure to achieve results or erroneous decisions or recommendations may cause delays in program schedules and may result in the allocation of additional resources.

## **Liaison**

Primarily internal company contacts. Infrequent inter-organizational and outside customer contacts on routine matters.

## **Minimum Education and Experience**

2-5+ Years with BS in designated Engineering or related field.