

Electromagnetic Engineer: Electromagnetic Engineer I

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

Work is closely supervised. Follows specific, detailed instructions and/or guidance from more senior functional staff.

Knowledge, Skills and Abilities

Limited use and/or application of basic technical principles, theories and concepts to specific job assignments.

Problem Solving

Develops solutions to routine technical problems of limited scope by following standardized practices and procedures.

Impact

Contributes to the completion of routine technical tasks. Failure to achieve results can normally be overcome without serious effect on schedules and programs.

Liaison

Contacts are primarily with immediate supervisor, project leaders, and other professionals in the section or group.

Minimum Education and Experience

0-2+ Years with BS in designated Engineering or related field.