

Reliability Engineer: Reliability Engineer II

Develops, coordinates and conducts technical reliability studies and evaluations of engineering design concepts and design of experiments (DOE) constructs. Recommends design or test methods and statistical process control procedures for achieving required levels of product reliability. Compiles and analyzes performance reports and process control statistics, and investigates and analyzes relevant variables potentially affecting product and processes. Ensures that corrective measures meet acceptable reliability standards. Analyzes preliminary plans and develops reliability engineering programs to achieve company, customer and governmental agency reliability objectives. May develop mathematical models to identify units, batches or processes posing excessive failure risks. As necessary, proposes changes in design or formulation to improve system and/or process reliability. May determine units and/or batches requiring environmental testing, and specifies minimum number of samples to obtain statistically valid data.

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 and/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.