Software Quality: Software Quality Engineer I

Develops, modifies, applies, and maintains standards for software quality operating methods, processes, systems and procedures. Conducts software inspection, testing, verification and validation. Implements software development and maintenance processes and methods. Ensures measures meet acceptable reliability standards. Develops overall operating criteria to ensure implementation of the software quality program according to project, process and contract requirements and objectives. Ensures that project and process control documentation are compliant with requirements, objectives and/or contract. Reviews software design, change specifications, and plans against contractual and/or process requirements. Reviews include applicable specifications, materials, tools, techniques, and methodologies. Performs or directs verification of software requirement allocations, traceability, and testability.

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.