

Software Quality: Software Quality Engineer IV

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 performed without appreciable direction. Exercises some latitude in determining technical objectives of assignment. Completed work is reviewed for desired results.

Knowledge, Skills and Abilities

Applies technical expertise, and has detailed knowledge of other related disciplines.

Problem Solving

Develops technical solutions to complex problems that require the regular use of ingenuity and creativity.

Impact

Plans and conducts assignments, generally involving the larger and more important projects or more than one project. Erroneous decisions or recommendations would typically result in failure to achieve major contract objectives.

Liaison

Represents the organization as the technical contact on contracts and projects. Interacts with external personnel on technical matters often requiring coordination between organizations.

Minimum Education and Experience

8-10+ years with BS in designated Engineering or related field.