

POSITION TITLE: QUALITY CONTROL ENGINEER

PRIMARY OBJECTIVE OF POSITION

To perform quality control examinations and monitor work activities. To prepare reports of examinations and ensure compliance of the work with quality policies, procedures and regulations. To assist the project Quality Control Manager in planning, implementation, and supervision of the project quality program.

MINIMUM QUALIFICATIONS

(Experience, education, licenses, certifications, and specific knowledge, skills and abilities required)

1. Two-year technical degree plus minimum of three years experience in quality control inspection in construction or related environment or equivalent combination of experience and relevant training.
2. Effective knowledge of quality codes and standards.
3. Certification in American Society for Non Destructive Testing (ASNT) Level II in at least two methods, such as Magnetic Particle Testing (MT) or Liquid Penetrant Testing (PT).
4. Current American Welding Society Certified Welding Inspector certification (AWS CWI).
5. Capability to operate and calibrate QC examination equipment.
6. Excellent interpersonal and communication skills which facilitate good working relationships with staff, craft and management employees as well as client representatives.
7. Ability to work in a detail-oriented and organized manner and to make efficient use of time.
8. Willingness to relocate to project areas.

ESSENTIAL FUNCTIONS

(Fundamental duties necessary to achieve the objective of the position)

1. Performs duties such as visual welding inspection, non-destructive examination (NDE), pressure testing, structural steel and concrete inspection.
2. Actively participates in site specific safety programs. Watches for and reports safe and unsafe work practices.
3. Conducts work area audits, surveillance, inspections, and tests of company and subcontractor or vendor activities. Investigates defective product and/or deficient processes.
4. Notifies appropriate management personnel regarding quality audit and test results, ensuring that any defects are remedied appropriately.
5. Coordinates work of subcontractors providing NDE, soils testing and post weld heat-treating services. Accompanies third party inspection groups on audits and monitors activities.
6. Prepares quality program records and documentation to ensure accuracy, thoroughness, appropriate distribution and information quality.
7. Performs routine quality assurance assignments requiring independent judgment while supporting multiple craft disciplines.
8. Performs additional duties as assigned or as the need is apparent.