



Job Summaries for Relevant Labor Categories

5.B.1 Chief Consultant

Make decisions and recommendations that have far-reaching impact on extensive engineering and related activities of the company. Negotiate critical and controversial issues with top-level engineers and officers of other organizations and companies. Plan, organize, and guide extensive engineering programs activities.

Qualifications: Professional Registration required and a minimum of 15 years professional experience. PMI Certification or equivalent preferred.

5.B.2 Project Environmental Specialist/Field Technician

Perform environmental field investigations, sampling, inspections, and compliance-related activities using established environmental principles and standard field procedures. Collect and document environmental data, support site assessments and remediation projects, and assist with preparation of technical reports and project documentation. Meet defined project objectives while working under general supervision and evaluating routine field and environmental conditions.

Qualifications: BS degree or equivalent experience, no experience required. OSHA 40-Hour HAZWOPER and field sampling experience preferred.

5.B.3 Staff Engineer

Perform engineering work in various engineering fields. Work on engineering designs, prepare reports, construct plans, make specifications, and cost estimates for various projects. Assists with environmental studies, permitting and alternative analysis. Check performance or conformity with plans and specifications through field inspection and testing.

Qualifications: BS degree or equivalent experience, no experience required.

5.B.4 Senior Staff Engineer

Perform work involving conventional types of engineering principles and other related activities. Evaluate, select, and apply standard engineering techniques, procedures, and criteria to make adaptations and modifications to projects. Meet clear and specified objectives for assignments. Investigate limited number of variables.

Qualifications: MS degree, EIT, or BS degree with 2-3 years professional engineering experience.

5.B.5 Project Engineer

Direct a group of subordinate engineers and nonprofessional employees. Decide on appropriate procedures and perform the more difficult phases of major engineering projects. Administer and delegate to subordinate engineers, the development of reports, plans, specifications, and detail drawings of the various components of a project. Make recommendations to senior staff based on interpretation of data.

Qualifications: MS degree plus EIT; or professional registration; or BS plus 5 years professional experience. PMI Certification or equivalent preferred.

5.B.6 Senior Engineer

Delegate projects to subordinate engineers and supervise their work. Provide consultation in specialized areas. Make decisions and solve problems. Lead project team in planning and/or designing a major engineering project and coordinate special planning, economic, and engineering studies.

Qualifications: Professional Registration and 8 years professional engineering experience. PMI Certification or equivalent preferred.

5.B.7 Supervising/Managing Engineer

Plan, develop, coordinate, and direct a number of large projects or a project of major scope, with full technical responsibility. Maintain liaison with individuals outside the organization. Full authority to act independently on technical matters pertaining to specialized areas. Direct and supervise the work of a staff of engineers.

Qualifications: Professional Registration required and a minimum of 10 years professional experience. PMI Certification or equivalent preferred.

5.B.8 Staff Geologist

Perform geological field investigations, environmental sampling, site inspections, and related technical activities using established geological principles and standard field procedures. Collect and analyze soil, groundwater, and environmental data; support site characterization and remediation projects; prepare field documentation and technical reports; and assist senior staff in meeting project objectives under close to moderate supervision.

Qualifications: BS degree or equivalent experience, no experience required.

5.B.9 Project Geologist

Direct and oversee geological field investigations, environmental sampling programs, site characterization activities, and related technical work performed by subordinate geologists, technicians, and field staff. Evaluate complex geological and environmental conditions, determine appropriate field and analytical procedures, and perform the more difficult phases of major projects. Administer and delegate preparation of technical reports, data evaluations, site plans, and related project documentation. Make recommendations to senior staff and clients based on interpretation of geological and environmental data.

Qualifications: MS degree; or professional registration; or BS plus 5 years professional experience.

5.B.10 Senior Geologist

Lead and coordinate geological and environmental projects, including site investigations, subsurface evaluations, remediation support, and related technical studies. Delegate assignments to subordinate geologists and field staff, supervise and review their work, and provide technical consultation in specialized geological and environmental areas. Make project-related decisions, solve complex technical problems, and lead project teams in planning, executing, and coordinating major geological or environmental investigations and associated technical studies.

Qualifications: Professional Registration and 8 years professional engineering experience. PMI Certification or equivalent preferred.

5.B.11 Principal Geologist

Plan, develop, coordinate, and direct multiple large-scale geological and environmental projects or projects of major scope with full technical responsibility. Maintain liaison with clients, regulatory agencies, contractors, and other external organizations. Exercise independent judgment and full authority on technical matters pertaining to specialized geological and environmental areas. Direct and supervise the work of geologists, scientists, and technical staff, ensuring project quality, regulatory compliance, and successful execution of project objectives.

Qualifications: Professional Registration required and 10 to 15 years professional experience. PMI Certification or equivalent preferred.

5.B.12 Certified Industrial Hygienist

Perform industrial hygiene assessments, exposure monitoring, hazard evaluations, and related health and safety activities using established industrial hygiene principles and regulatory standards. Evaluate workplace conditions, identify potential chemical, physical, and biological hazards, prepare technical reports and recommendations, and support compliance and risk management objectives under general supervision or independent judgment.

Qualifications: Professional Registration required and minimum 5 years professional industrial hygiene experience.

5.B.13 Project Manager

The person is responsible for the planning, coordination and delivery of a project from inception to completion, meeting the project's requirements and ensuring completion on time, within cost and to required quality standards.

Qualifications: BS degree and a minimum of 5 years of project management responsibilities.

5.B.14 Senior Project Manager

The person is responsible for the planning, coordination and delivery of a project from inception to completion, meeting the project's requirements and ensuring completion on time, within cost and to required quality standards. For engineering design projects, this person should be a Registered Professional Engineer in Georgia.

Qualifications: BS degree and a minimum of 10 years of project management responsibilities. PMI Certification or equivalent preferred.

5.B.15 Engineering Technician I

Collect, gather and maintain specified records of engineering data such as tests and drawings. Perform computations by substituting numbers in specified formulas, plot data, and draw simple curves and graphs.

Qualifications: High school graduate or equivalent experience.

5.B.16 Engineering Technician II

Extract engineering data from various prescribed sources. Process data using well-defined and calculated methods, and present it in a prescribed and uniformed format.

Qualifications: Associates degree in engineering or engineering technology or equivalent experience.

5.B.17 Special Inspector

Perform specialized field inspections, testing, and construction observation activities to verify compliance with applicable codes, project specifications, and industry standards. Evaluate construction materials, workmanship, and site conditions using established inspection procedures and testing methods.

Qualifications: High school diploma or associate degree in engineering Technology with 3 years of inspection or materials testing experience in the specialized field. Submittal of relevant licensure, certifications, or supporting documentation may be required for approval of the person as special inspector.

5.B.18 NPDES Inspector

Perform stormwater and environmental compliance inspections under the National Pollutant Discharge Elimination System (NPDES) program for construction sites, industrial facilities, and municipal systems. Evaluate erosion and sediment control measures, stormwater management practices, and discharge conditions to ensure compliance with permit requirements. Document field conditions, identify deficiencies, prepare inspection reports, and coordinate corrective actions with contractors, site managers, and regulatory agencies.

Qualifications: High school graduate or equivalent experience, plus 1 to 2 years experience as an inspector or in related construction work. GSWCC Level 1B certification required.

5.B.19 Registered Roof Observer (by the Roof Consultants Institute)

Perform roof observation, inspection, and quality assurance activities during construction and roofing projects to verify compliance with project specifications, manufacturer requirements, and industry standards. Evaluate roofing system installation, document field conditions, prepare observation reports, identify deficiencies, and coordinate with contractors, project managers, and clients to support successful project execution and quality control objectives.

Qualifications: Professional Registration required and minimum of 5 years of related experience.

5.B.20 Registered Roof Consultant

Provide technical consultation, design review, and expert evaluation of roofing and building envelope systems for new construction, renovation, and rehabilitation projects. Lead roof condition assessments, failure investigations, and forensic evaluations; develop repair and replacement recommendations; and review design documents, specifications, and submittals for compliance with industry standards and project requirements. Coordinate with clients, architects, engineers, and contractors, and provide expert guidance throughout project planning, design, and construction phases.

Qualifications: Professional Registration required and minimum of 8 years of related experience.

5.B.21a Coating/Corrosion Inspector – AMPP CIP Level 1

Perform basic coating and corrosion inspection activities on industrial, infrastructure, marine, and construction projects under the direction of senior inspection personnel to verify surface preparation, coating application, and corrosion protection systems comply with project specifications and applicable AMPP/SSPC/NACE standards. Monitor environmental conditions, observe blasting and coating operations, inspect materials and workmanship, document field activities, and assist with QA/QC documentation and inspection reports.

Qualifications: High school diploma or equivalent experience. Current Level 1 CIP certification from AMPP (formerly NACE International) Coating Inspector Program required.

5.B.21b Coating/Corrosion Inspector – AMPP CIP Level 2

Perform advanced coating and corrosion inspection activities on industrial, infrastructure, marine, and construction projects to verify surface preparation, coating application, and corrosion protection systems comply with project specifications and applicable AMPP/SSPC/NACE standards. Conduct and document inspections of blasting, environmental conditions, coating application, thickness, curing, and final acceptance using standard inspection and testing methods. Identify non-conforming work, recommend corrective actions, prepare QA/QC documentation and inspection reports, and coordinate with contractors, engineers, and clients to support quality assurance and asset integrity.

Qualifications: High school diploma or equivalent experience with 2 years of coating-related experience. Current Level 2 CIP certification from AMPP (formerly NACE International) Coating Inspector Program required.

5.B.21c Coating/Corrosion Inspector – AMPP CIP Level 3

Perform senior-level coating and corrosion inspection activities on industrial, infrastructure, marine, and construction projects to ensure surface preparation, coating application, and corrosion protection systems comply with project specifications and applicable AMPP/SSPC/NACE standards. Lead and oversee inspection programs, evaluate complex coating systems and inspection data, resolve technical issues, and verify compliance with QA/QC requirements. Prepare and review inspection documentation and reports, provide technical guidance to inspection personnel, and coordinate with contractors, engineers, owners, and clients to support regulatory compliance, quality assurance, and long-term asset integrity.

Qualifications: High school diploma or equivalent experience with 5 years of coating-related experience. Current Level 3 CIP certification from AMPP (formerly NACE International) Coating Inspector Program required.

5.F Quality Control Inspector**Scope & Experience:**

Gwinnett County is seeking the services of individual(s) who can provide quality control inspection. The inspector must have experience with oversight of construction projects involving earthwork, building construction and landscape site improvements and possess all the necessary equipment, transportation, materials and supplies to provide these services. The inspector must have remote communication capabilities using smartphone and devices sufficiently large for in-field review of transmitted documents and graphic files. Inspector will provide photo documentation of work progress at a frequency to be determined by project and as mutually agreed upon with County representative. Photo documentation is required weekly at a minimum.

Quality Control Inspector must be familiar with permitting and enforcement of Georgia Erosion & Sediment Act for testing, monitoring, regulations and enforcement. This knowledge should be at the Erosion Control Certification level (1A) as stipulated by the Georgia Soil & Water Conservation Commission. Inspector must have the capacity to read and properly interpret construction documents (plans & specifications) for architecture, civil engineering & landscape architecture; however, professional licensing is not required. Inspector must be familiar with Gwinnett County site and building inspection processes. Verbal and written communication skills in English are required.

Inspector shall be familiar with testing means and methods and understand test results and communicate recommendations made by the Materials Testing firm. Inspector must provide continuous reporting and maintain a log of activities in the field, including participation in the review of contractor submissions of materials cut sheets and requests for information.

Inspector must be available during both normal work hours, M-F (8-5) and pre-approved and pre-arranged periods of construction activity outside normal business hours including weekends. Hourly rate must include all mileage, supplies, equipment and labor. Compensation is based on actual time on the jobsite only.

The inspector assigned to a project must remain the same throughout the project unless mutually agreed upon with county representative.