

Class Concept

This is skilled technical engineering work supporting higher level technicians and engineers. Positions in this classification perform technical duties supporting engineers and other professionals in areas such as construction, materials testing, design, surveys, and/or program/regulatory compliance. Work functions may include: inspection for compliance and/or code; collection and analysis of field data; testing of materials; review, modification and/or design of plans; analysis of engineering related data, products, and/or functions. Work may include a leadership role supervising a crew and/or program function of moderate complexity. Some positions may serve as survey crew leader, independently directing activities of other survey crewmembers in collecting field data on moderately complex surveys.

Recruitment Standards

Knowledge, Skills, and Abilities

- Considerable knowledge and understanding of concepts, practices, and theories used in the technical specialty area with limited supervision.
- Working knowledge of state and/or federal rules and regulations to determine compliance.
- Working knowledge and skill in the use of equipment and software.
- Ability to independently conduct moderately complex inspections for compliance with contract agreements, standards/codes and specifications.
- Ability to maintain detailed records; ability to perform analysis of findings and may require ability to recommend some corrective actions.
- Ability to perform moderately complex technical work in either a specific materials area or perform a range of sampling, testing and inspection duties to determine the adherence to codes/standards.
- Ability to exercise a wide range of decision-making and judgment.
- Ability to effectively use verbal and nonverbal skills to express non-routine or moderately complex technical and/or program concepts and related facts in a clear, concise, organized and persuasive manner.
- Ability to modify delivery, language or material to account for the characteristics and needs of the audience.
- Ability to report findings or project status to higher-level management.

Minimum Education and Experience

Associate degree in an applicable area of Engineering Technology, Survey Technology or a related curriculum from an appropriately accredited institution and two (2) years of progressive technician level experience; or an equivalent combination of education and experience.

Note: This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA.