



Marine Construction Inspector

Category: Classified
Pay Grade: C24
Job Code: 02400

To perform this job successfully, an individual must be able to perform the essential job functions satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the primary job functions herein described. Since every duty associated with this position may not be described herein, employees may be required to perform duties not specifically spelled out in the job description, but which may be reasonably considered to be incidental in the performing of their duties just as though they were actually written out in this job description.

JOB SUMMARY

Performs advanced technical engineering work involving permit issuance and inspection of marine construction projects; represents the County during all phases of construction of major public and private marine construction projects; inspects for compliance, practices, and procedures.

ESSENTIAL JOB FUNCTIONS (examples, not all inclusive)

- Reviews and approves or denies dock permit applications;
- Reviews architectural plans and specifications for code compliance, construction feasibility, and utility;
- Reviews dock/dredge and fill applications for compliance with County and Army Corps of Engineers regulations;
- Performs continuous technical field inspection on major construction projects for compliance to applicable regulations;
- Interprets specifications to clarify intent or objective and prepares and maintains technical and cost records or reports;
- Assist contractors, developers, engineers, and general public with interpretation and compliance with applicable marine construction codes;
- Initiates investigations of construction problems and recommends solutions and corrections to achieve final acceptance;
- Enforces County ordinances, prepares citations/notice of violation, and appears in court as necessary;
- Performs other related job duties as assigned.

QUALIFICATIONS

Education and Experience:

Three (3) years of experience in marine construction at a project management or engineering level; or an equivalent combination of education, training, and/or experience.

Special Qualifications (May be required depending on area of assignment):

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Other knowledge, skills, abilities, and credentials required for a specific position.

Knowledge, Skills and Abilities:

- Knowledge of marine building construction principles, methods, materials, and equipment;
- Knowledge of construction practices, material, specifications, codes, and regulations related to building construction;

- Ability to read and interpret construction specifications, blueprints, and plans and to recognize deviations from such plans during construction;
- Ability to diagnose defects and hazards in marine construction projects;
- Ability to perform technical computations, analyze data, and prepare reports based on findings;
- Ability to use small office equipment, computers, and highly technical computer applications;
- Ability to use or repair small and medium equipment and machinery.

PHYSICAL/MENTAL DEMANDS

The work is sedentary work which requires exerting up to 10 pounds of force occasionally and/or negligible amount of force frequently or constantly to lift, carry, push, pull, or otherwise move objects, including the human body. Additionally, the following physical abilities are required:

- **Balancing:** Maintaining body equilibrium to prevent falling while walking, standing or crouching on narrow, slippery, or erratically moving surfaces. The amount of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.
- **Climbing:** Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized.
- **Crouching:** Bending the body downward and forward by bending leg and spine.
- **Fingering:** Picking, pinching, typing, or otherwise working, primarily with fingers rather than with the whole hand as in handling.
- **Grasping:** Applying pressure to an object with the fingers and palm.
- **Visual ability:** Sufficient to effectively operate office equipment including copier, computer, etc.; and to read and write reports, correspondence, instructions, etc.
- **Hearing ability:** Sufficient to hold a conversation with other individuals both in person and over a telephone; and to hear recording on transcription device.
- **Speaking ability:** Sufficient to communicate effectively with other individuals in person and over a telephone.
- **Mental acuity:** Ability to make rational decisions through sound logic and deductive processes.
- **Talking:** Expressing or exchanging ideas by means of the spoken word including those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.
- **Repetitive motion:** Substantial movements (motions) of the wrist, hands, and/or fingers.
- **Standing:** Particularly for sustained periods of time.
- **Stooping:** Bending body downward and forward by bending spine at the waist. Occurs to a considerable degree and requires full motion of the lower extremities and back muscles.
- **Walking:** Moving about on foot to accomplish tasks, particularly for long distances or moving from one work site to another.

WORKING CONDITIONS

Work is performed in a dynamic environment that requires sensitivity to change and responsiveness to changing goals, priorities, and needs.