

PORT MARINE ENGINEER

General Statement of Duties and Responsibilities

Under direction, with some latitude for independent judgment, is responsible for the planning, control and execution of structural, mechanical, and electrical marine engineering projects on municipal ferries, barges and marine vessels operated by the Department of Transportation or the Department of Environmental Protection.

Examples of Typical Tasks

Researches and advises on the preparation of specifications and on projects connected with vessel and/or barge dry dockings.

Researches and advises on the preparation of specifications for conversions or modifications to vessels.

Provides cost estimates and monitors budgets for projects. Approves and submits orders for parts, supplies and equipment within operating budgets. Inspects new equipment upon delivery to determine compliance with performance specifications.

Performs field surveys of assigned projects from prior to inception through completion to monitor progress, including, but not limited to: research of drawings/technical manuals, classification surveys, regulatory agency compliance and vessel reports. Incorporates required items into specifications. Ensures contractor compliance with project specifications. Prepares final/completion reports for projects.

Tracks and monitors vessel/barge preventive maintenance systems, machinery and hull conditions for maintenance issues that may need to be addressed during dry dockings/projects.

PORT MARINE ENGINEER (Continued)**Examples of Typical Tasks** (Continued)

Monitors, updates, files and distributes all vessel/barge survey, certificate and regulatory requirements. Plans and schedules inspections of vessels and submission of reports and documentation to insure completion by required due dates.

Assists with Root Cause and Follow-up inquiries of any vessel-related non-conformities, observations, near-misses and accidents.

Monitors and documents dry dockings, projects and specification submission time lines. Oversees, reviews and evaluates the work of subordinate staff.

Works closely with agency representatives to ensure strict adherence to safety standards and environmental protection guidelines for all projects.

Supervises and assists with repairs and maintenance of equipment.

Qualification Requirements

1. A Baccalaureate Degree in Marine Engineering or Naval Architecture from an accredited college and five years of full-time paid experience in marine engineering operations, maintenance, design and repair, including writing contracts and maintenance specifications for the maintenance, design and repair of marine vessels and managing major marine projects including dry dockings; or closely related experience; or
2. Seagoing experience as a Chief Engineer or 1st Assistant Engineer with a United States Coast Guard Engineering License of Steam or Motor Vessels of any horsepower may be substituted for up to three years of the experience described in "1" above, but all candidates must possess at least a Baccalaureate Degree in an engineering discipline or Naval Architecture.

NC -XI, PART II

CODE NO. XXXXX

DEPARTMENT OF TRANSPORTATION (841)

DEPARTMENT OF ENVIRONMENTAL PROTECTION (826)

PORT MARINE ENGINEER (Continued)

TWIC Requirement

Within thirty days of appointment candidates must possess a valid Transportation Workers Identification Card (TWIC) issued by the US Transportation and Security Administration. Candidates who are engaged in an appeal or waiver process for the TWIC will not be considered for appointment until such process has been completed. Employees must renew and continue to possess a valid TWIC for the duration of employment.

Lines of Promotion

None. This class of positions is classified in the Non-Competitive Class.