



CLASS SPECIFICATION FOR:

Utility Heavy Equipment Specialist III

General Statement of Duties:

Safely and proficiently operates multiple types of vehicles and equipment requiring a Class A or Class B CDL and a wider variety of tools to perform more complex duties and maneuvering; serves as part of work crew in an assigned division in the Department of Public Utilities, includes working in extreme weather and traffic conditions and in confined spaces as needed; does related work as required.

Distinguishing Features of Class:

As a member of an assigned work crew in an assigned division, primary tasks duties and responsibilities (TDR) include proficiently operating multiple types of equipment, controls and vehicles and performing a wider variety of assigned tasks pertaining to three or more division's operational areas: curbside refuse collections, water and sewer line maintenance and repair, hauled waste, public use areas, transfer stations, closed landfills and recycling centers (primary plus two as needed). Assigned TDR include safely performing a wider variety of more complex duties requiring a high degree of proficiency in operating and maneuvering with higher consequence of error and damage to persons, equipment or property; proficiently operating and using a wider variety of controls, equipment and tools; assisting with spill control and cleanup; assisting with cleanups including inclement weather and emergency cleanups; preparing and maintaining various types of paper and electronic records; work zone set-ups; maintaining worksites, vehicles and equipment in safe, orderly and clean condition. Assigned duties are performed under limited supervision of a crew leader or designated supervisor.

Examples of Assigned Duties (*illustrative only of the types and scope of duties and responsibilities assigned to positions in this class*):

Proficiently performs all the tasks, duties and responsibilities required of a Utility Heavy Equipment Specialist I and II plus:

- Consistently demonstrates a high degree of proficiency and skill in the operation, maneuvering and manipulation of vehicles and equipment to, from and on the job site, typically assigned duties require a high degree of accuracy and are more complex with a greater consequence of error in the form of mistakes, damage or harm to person(s), property, equipment or the public's safety;
- Safely operates various types of trucks (including tandem) and vehicles requiring a Class A or Class B CDL to perform assigned job duties, transport materials and/or supplies and to tow a trailer and/or equipment to jobsites throughout the County;
- Safely operates, adjusts/tunes, cleans and performs minor repairs, routine and preventive maintenance to wider variety of gas-powered, electrical, pneumatic, or hydraulic controls and equipment used in assigned day-to-day job duties and/or the assigned division;
- Cleans and maintains vehicles, equipment and tools used in assigned job duties and proactively identifies and reports to the supervisor the need for service, repairs or other types of maintenance work;
- Proactively recognizes potential issues on worksite and with equipment, and proposes viable solutions for approval, includes implementing and assisting with the implementation of approved solutions as assigned;
- Shares accurate information with others, includes training other personnel as needed, keeps and maintains accurate records;
- Cross-trains with at least one additional operational division's area & provides additional support to that operational area as needed;
- Performs a variety of traffic control duties as needed which may include setting up traffic detours, signs, cones and flagging traffic;
- Safely enters, exits and works in confined spaces using all safety equipment required for assigned job duties and worksite conditions;
- Participates in cleanup activities and the department's response to all types of emergencies, including inclement weather;
- Accurately and appropriately resolves routine and moderately complex questions and issues experienced on worksites and while performing job duties as encountered with minimal guidance from supervisor or more senior department personnel, and keeps supervisor appropriately informed;
- Uses a County laptop computer, GIS and Cityworks as needed to perform assigned duties;
- Observes all safety protocols and utilizes all required personal protection equipment (PPE) and other required safety equipment/measures at all times;
- Maintains an advanced up-to-date working knowledge and understanding of the Division's operations and policies, division-specific equipment and materials, and the geographical area of the County related to the assigned division's day-to-day operations;
- Actively participates in all scheduled meetings and trainings and may serve as crew leader or coordinate on-call crews as needed;
- Works a flexible schedule, overtime or on-call rotation as needed or assigned;
- Performs other duties as assigned.

If assigned to Curbside Refuse Collection

- Safely operates rear-loader, side-loader, roll-off and automated refuse collection vehicles, equipment and controls used in the day-to-day collection of refuse on assigned routes, includes appropriately utilizing both driving sides of an automated refuse collection truck on routes requiring less complex maneuvering in varying types traffic conditions and requiring fewer, less complex turnarounds;
- Safely operates, maneuvers and handles bulky waste trucks, PUA wheeled front loaders, yard jockeys and tandem trucks.

If assigned to Operations – Water and Sewer Lines

- Performs routine and more complex locating, maintenance and repair of water mains, service lines, sewer mains, sewer service laterals and manholes by safely operating multiple types of vehicles and equipment and controls as well as a wider variety and types of equipment needed to perform more complex tasks requiring higher degree of accuracy and proficiency;



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- Assists with trench box set-up, use and removal, may independently setup and remove trench boxes with appropriate approvals;
- Safely operates, maneuvers and handles excavators, jet trucks and vacuum, pump trucks, valve trucks, boom trucks, crane trucks, compressor trucks, traffic control trucks, jackhammers, bypass pumps and generators, asphalt trailer and roller, and tandem trucks.

If assigned to Water Reclamation Facility (WRF) – Hauled Waste

- Consistently operates a wider variety of vehicles, trucks & equipment and applies necessary chemicals and materials used at the WRF for biosolid transfer, management and storage with a high degree of skill and accuracy and constant attention to safety;
- Safely operates, maneuvers and handles roll-off trucks, wheeled front end loaders, excavators, dozers, yard jockeys, vacuum systems.

If assigned to Public Use Areas, Transfer Stations, Closed Landfills and Recycling Centers

- Consistently operates and maintains a wider variety of vehicles, trucks, heavy equipment and job-related equipment used at County public use areas, landfills, transfer stations and recycling centers needed to perform tasks requiring higher degree of accuracy and proficiency and to ensure the timely management of the refuse left at the site and safe conditions at the site;
- Safely operates roll-off refuse trucks, PUA wheeled front-end loaders, yard jockeys, excavators, dozers and tandem trucks.

Required Knowledge, Skills and Abilities:

Advanced working knowledge of the Division's operations, equipment, materials and methods used on worksites and to perform assigned job duties; ability to safely and efficiently operate, maneuver and manipulate a wider variety of hand, power, pneumatic, hydraulic gas and electric tools and equipment specific to assigned tasks with a consistently high degree of proficiency and with constant attention to safety of operation in order to prevent accidents and damage; consistently demonstrates a high degree of proficiency and skills in the operation, maneuvering and manipulation of vehicles and equipment to, from and on the job site, typically with a greater consequence of error in the form of mistakes and damage to property and equipment or negative impact to the public's safety; sound working knowledge of the hazards in laboring work and of necessary safety precautions; ability to work safely in all types of weather, traffic and worksite conditions, including confined space, conditions utilizing all required personal protective equipment (PPE) at all times; sound working knowledge of general maintenance and simple repair of tools and equipment used on the worksite with the demonstrated ability to safely and appropriately repair and maintain job related tools and equipment; ability to perform routine manual tasks safely and efficiently; physical condition that will permit safely performing a wide variety of physical job-related activities such as digging, shoveling, grading, lifting (including heavy lifting), loading, pushing, reaching, carrying, stooping, climbing, etc. while working under adverse temperatures, weather and traffic conditions; thorough working knowledge of traffic rules, traffic management rules, safety rules and regulations and accident-prevention practices; ability to accurately understand and follow simple and complex oral and written directions; ability to accurately and efficiently work from plans and specifications and to follow rough sketches and oral instructions; sound and accurate math skills including accurate measuring skills; ability to assist with accurate inventories and recordkeeping; ability to create and maintain accurate detailed records (paper and electronic records); sound reasoning and problem solving skills with the demonstrated ability to appropriately resolve issues independently and to seek guidance and approvals appropriately; ability to work independently and as part of a team to complete assigned tasks safely and on time; basic computer skills with the ability to use computer to complete assigned tasks; ability to collaborate effectively with all levels of department staff; personal accountability including teamwork and establishing and maintaining positive working relationships with all levels of department staff. Excellent customer service skills, tact, and courtesy with the ability to positively and appropriately represent the County in all interactions with the public. Requires the ability to work a flexible schedule, overtime or on-call rotation as needed or assigned.

Minimum Education and Experience:

Education: Completion of grade school, completion of high school preferred;

Experience: Four (4) years of relevant work experience, including at least two years as County Utility Heavy Equipment Specialist II;

OR: Any equivalent combination of education, experience and training which provides the required knowledge, skills and abilities.

Additional Requirements:

NOTE: Effective 4/1/2009 County Ordinance 1128 requires a criminal history record check and fingerprinting of all employees in authorized and hourly safety sensitive positions.

NOTE: All employees are required to successfully complete National Incident Management System (NIMS) Incident Command System (ICS) 700 (Introduction) training. Successful completion of [additional NIMS ICS training courses](#) may be required based on the job classification, level of responsibility, and department. Please refer to Fire's Intranet site for a list of NIMS ICS requirements by job classification.

- Requires a valid driver's license with a safe driving record.
- Requires a valid CDL (Class A or B as determined by job duties and operational needs).
- Maintains Environmental SOP training requirements.
- Maintains valid VDOT flagging certification.
- Maintains valid confined space certification.
- Maintains a pesticide applicator's license.
- May be required to work a rotating on-call schedule.