

PHYSICAL & MENTAL REQUIREMENTS/WORKING CONDITIONS
City of Virginia Beach, VA

Job Title:	Plumber II		Position Number(PCN):	B.005739	
Div./Office:	PWD 659 TIP Resort Building Maintenance	Approver's Name			
Date of Last Update:	September 25, 2021	Approver's Title			
Fields to the right (Y/N): The position's status AND If the background check must be passed by the incumbent					
Safety Sensitive:	Yes	Child Protective Services (CPS) Background:	No	VCIN Background:	No

REQUIREMENTS

FREQUENCY: Seldom = Infrequent, < 5%; Occasional = 5% to 25% of time on job; Frequent = 25% to 75% of time on job; Constant = Over 75% of time on job.

Typical DURATION: Short = < 1 hr per occurrence; Moderate = 1-2 hrs per occurrence; Substantial = 2-6 hrs per occurrence; Long = > 6 hrs per occurrence.

Physical Demands				Working Conditions			
Element	Condition/Level/Value	Frequency	Duration	Element	Condition/Level/Value	Frequency	Duration
Standing		Frequent	Moderate	Working Outside:	in all weather conditions	Frequent	Moderate
Walking		Frequent	Short	Working Alone:	out of communication w/others	Occasional	Moderate
Sitting		Occasional	Short	Extreme Temperatures	At/above 90 degrees	Occasional	Moderate
Reaching	Shoulder level or higher	Frequent	Short		Below 30 degrees	Occasional	Moderate
Lifting	Up to 25 lbs.	Frequent	Short	Extreme Wetness		Frequent	Moderate
	Over 50 lbs.	Occasional	Short	Extreme Dryness		N/A	N/A
Carrying	Weight: Over 50 lbs.	Occasional	Short	Exposure to Traffic	Little Used Roads	Seldom	Short
	Distance: Over 25 ft.	Occasional	Short				
Pushing	Estimated weight-resistance equivalency			Congested Area/Workspace		Occasional	Short
	Over 50 lbs.	Occasional	Short	Confined Space- Permit REQUIRED		N/A	N/A
Pulling	Estimated weight-resistance equivalency			Working Below Ground		N/A	N/A
	Over 50 lbs.	Occasional	Short	Working at Heights (ft.)	12 to 25 ft.	Occasional	Moderate
Working Overhead	Using hand tools	Frequent	Short		Noise Level: > 85 decibels TWA for 8 hrs.	N/A	N/A
	Using power tools	Frequent	Short				
	Weight: Up to 10 lbs.	Occasional	Short				
Climbing Stairs		Frequent	Short	Vibrations	N/A	N/A	N/A
Climbing Ladders		Frequent	Short				
Balancing		Frequent	Substantial		Body area(s):	Ex- Trunk, shoulders, arms, and hands.	
Stooping		Frequent	Moderate	Dust / Dirt / Particulate		Frequent	Substantial
Kneeling/Squatting		Frequent	Moderate	Radiation		N/A	N/A
Bending		Frequent	Moderate	Silica/Fiberglass		Seldom	Short
Crawling		Occasional	Short	Asbestos		N/A	N/A
Explosive Strength: Short bursts of muscle force to propel oneself.		Occasional	Short	Aerosols & Gases	N/A	N/A	N/A

Trunk Strength: Use of abdominal and lower back muscles.		Frequent	Moderate		Hazardous Materials /Chemicals		N/A	
							undefined	
							undefined	
Dynamic Strength: Use of muscle force repeatedly or continuously & resistant to fatigue.		Occasional	Moderate		Petroleum Products	N/A	N/A	N/A
Repetitive Limb Movement	Fingers/Wrist	Constant	Substantial		Electrical Hazard		N/A	N/A
	Arm/Shoulder	Constant	Substantial		Fire Hazard		N/A	N/A
Dexterity	Grasping	Constant	Substantial		Infectious Diseases Exposure Type(s):	Sewer-like work spaces	Frequent	Moderate
Repetitive Twisting	Wrist/Elbow	Constant	Substantial		Symbols:	Ex- Repair sewer pipes; empty residence trash cans.		
	Shoulder	Constant	Substantial			< equal to or less than	< less than	
Awkward Positions & Motions	Awkward positions	Frequent	Moderate			> equal to or greater than	> greater than	
	Awkward motions	Frequent	Moderate					

Sensory Demands				Working Conditions (cont.)			
Element	Condition/Level/Value	Frequency	Duration	Element	Condition/Level/Value	Frequency	Duration
Vision	20/40 w/correction	N/A	N/A	Hazardous Surfaces	Extremely dark areas	Occasional	Moderate
	Depth perception	N/A	N/A		Abrupt uneven surfaces	Frequent	Short
	Color vision (colors)	N/A	N/A				
Hearing	Conversational level	N/A	N/A	Other Hazards	Animal/Insect bites/stings	Occasional	Moderate
Smell	Sewage	Occasional	Short		Sharp edges/objects	Frequent	Short
					Pinch points	Frequent	Short
Touch	Distinguish texture	N/A	N/A	Hours Worked	Four 10-hour days	Constant	
	Distinguish temperature				More than 40 hours/week	Occasional	
Voice	One-on-One	N/A	N/A				
Personal Protective Equipment (PPE)				Equipment Operation & Use			
Category	Type	Frequency	Duration	Category	Type	Frequency	Duration
Eye and Face Protection	Safety glasses w/side shields	Frequent	Substantial	Motor Vehicles	Sedan/Pickup/Van	Frequent	Moderate
				Heavy Equipment	Back hoe	Seldom	Short
Respiration Protection	N/A	N/A					
Hearing Protection	Ear plugs	Seldom	Moderate	Other Equipment or Machinery	N/A	N/A	N/A
Head Protection	Hard hat (impact protection)	Occasional	Short				
Hand Protection	Cut resistant	Occasional	Moderate	Hand-Held Power Tools	Cordless drill	Frequent	Short
					Impact drill/wrench	Frequent	Short
Foot Protection	Steel/composite toe-safety rated	Constant	Long	Hand Tools and Instruments	Plumbing tools	Constant	Substantial
Body, Arm, and Leg Protection	Rain gear	Seldom	Short	Office Machines & Equipment	Computer	Occasional	Short
Operator License				Commercial Driver's License			

NOTE: If CDL is required, show CDL Class in element to right.	Type			VA DMV requires: 20/40 in each eye w/o telescopic lens & ≥140° horizontal vision.	N/A
	Standard Driver's License				
Other physical or sensory demands, working conditions, equipment, hazards, PPE, etc., not indicated above:					

Mental Requirements	
Evaluate based on the level of complexity [least to most] inherent in the job using the examples provided; then select the number from the drop-down list that matches the column which best represents the mental demand required in each element.	
1 Comprehend Verbal Communication - Understand information and directions which are provided verbally	Level
Job requires the ability to understand and follow:	
Detailed information from a supervisor, a customer, or trainer/instructor which is necessary to the successful performance of job duties.	2
2 Communicate Orally - Verbally express thoughts and directions	Level
Job requires:	
Communicating basic information to co-workers, supervisors, or customers.	1
3 Comprehend and Follow Written Material or Instructions - Understand written material, interpret appropriately, and adhere to the procedures stated.	Level
Job requires ability to comprehend:	
Detailed written material in the form of informational reports, memos, articles, plans and drawings to be used in performing duties.	2
4 Written Communication Skills - Express thoughts and directions in writing	Level
Job requires:	
Ability to prepare basic written information and relay it to others using a basic format such as a form or email.	1
5 Maintain an Appropriate Work Pace - The flow or rate of incoming work assignments and the expectations for completion of tasks	Level
Job requires ability to adhere to work schedule:	
In moderately paced environment with some unexpected assignments.	2
6 Perform Complex or Varied Tasks - The variety of tasks and assignments and the level of complexity of those tasks/assignments	Level
Job requires ability to perform:	
A variety of tasks at the fully functional independent level.	3
7 Interact and Relate to Peers, Co-Workers, or the Public - The nature and level of interaction with others required of the job	Level
Job requires interaction:	
Within the immediate work unit.	1
8 Decision Making & Reasoning Ability - The extent to which the job requires logic to analyze information, draw conclusions/ generalizations, and make decisions based on facts	Level
Job requires:	
Some decision making in duties such as troubleshooting where observation/judgement occurs and then a selection is made from a number of possible options for resolution.	2
9 Memory and Recall - The body of stored knowledge required and the retrieval of that information to accomplish duties	Level
Job requires the ability to:	
Remember detailed methods and procedures and apply them to work being performed.	2
10 Flexibility and Adaptability - The extent to which one must adjust to changing circumstances and expectations, take on new challenges on short notice, and/or deal successfully with changing priorities and workloads	Level
Job requires flexibility and willingness:	
To adjust routine procedures to accommodate simple changes.	1
11 Attention Span - Sustained attention or the time spent continuously on task without becoming distracted to successfully perform duties	Level
Job tasks are:	