			PHYSIC		EQUIREMENTS/ of Virginia Beac		DITIONS				
				g		Position Number(PCN):		B.005074.2			
Job Title:	Systems Engin	ieer III									
Div./Office:	CIT 123 Systen	ns Support	Approver's Na	me			•				
Date of Last Up	date:	January 18, 2024	Approver's Titl	e							
		•			<u>'</u>						
Fields to the ri status AND If t passed by the	he backgroun	position's d check must be	Safety Sensitive:	No	Child Protective Background:	e Services (CPS)	No	VCIN Backgrou	ınd:	Yes	
			CJIS Certification:	Yes	PREA Certificati	on:	Yes	Subject to Barr Provisions:	ier Crime	No	
					REQUIREMENTS	S					
FR	EQUENCY: Seld	om = Infrequent	;, < 5%; Occasion a	al = 5% to 25% of t	time on job; Freq	uent = 25% to 75	5% of time on job	; Constant = Ove	er 75% of time on	job.	
Тур	ical DURATION	: Short = < 1 hr p	er occurrence; N	loderate = 1-2 hr	s per occurrence	e; Substantial = 2	2-6 hrs per occur	rence; Long = >	6 hrs per occurr	ence.	
		Physical Deman	nds				W	orking Conditi	ons		
Element	Condition	/Level/Value	Frequency	Duration		Element	Condition	/Level/Value	Frequency	Duration	
Standing			Occasional	Short		Working Outs	ide: in all weath	er conditions	Seldom	Short	
Walking			Occasional	Short		Working Alon w/others	e: out of commu	nication	Seldom	Short	
Sitting			Frequent	Substantial		Extreme	N/A		N/A	N/A	
Reaching	Lower than sh	oulder level	Occasional	Moderate		Temperatures					
Lifting	Up to 50 lbs.		Seldom	Short		Extreme Wetn	ess		N/A	N/A	
						Extreme Dryn	me Dryness		N/A	N/A	
Carrying	Weight:	Up to 50 lbs.	Seldom	Short		Exposure to	High Traffic Hig	sh Speed	Seldom	Short	
	Distance:	Over 25 ft.	Seldom	Short		Traffic					
Pushing	Esti	mated weight-re	esistance equiv	alency		Congested Are			N/A	N/A	
. usining	N/A		N/A	N/A			e- Permit REQUI	IRED	N/A	N/A	
Pulling	Esti	mated weight-re	esistance equiv	alency		Working Belov	w Ground		N/A	N/A	
	N/A		N/A	N/A		Working at	Over 40 ft.		Seldom	Short	
Working	N/A		N/A	N/A		Heights (ft.)		•			
Overhead		1					85 decibels TWA	N/A	N/A	N/A	
	Weight:	N/A	N/A	N/A		for 8 hrs.					
Climbing Stair			Seldom	Short			N/A		N/A	N/A	
Climbing Ladders			Seldom	Short		Vibrations				<u> </u>	
Balancing			N/A	N/A					ulders, arms, and	1	
Stooping			N/A	N/A		Dust / Dirt / Pa			N/A	N/A	
Kneeling/Squa	atting		N/A	N/A		Radiation			N/A	N/A	
Bending			N/A	N/A			lica/Fiberglass		N/A	N/A	
Crawling			N/A	N/A		Asbestos			N/A	N/A	
Explosive Strength: Short bursts of muscle force to propel oneself.			N/A	N/A		Aerosols &	N/A		N/A	N/A	
force to proper	orieseii.					Gases	1			1	
Trunk Strength: Use of abdominal and lower back muscles.			N/A	N/A		Hazardous Ma	terials		N/A		
						/Chemicals			undefined		
D							1		undefined	1	
Dynamic Strei	igtn: Use of mu ontinuously & i		N/A	N/A		Petroleum	N/A		N/A	N/A	
fatigue.	ortanaously & i	CSISTATICEO				Products					
Repetitive Limb	Fingers/Wrist		Frequent	Substantial		Electrical Haza	ard		N/A	N/A	
Movement						Fire Hazard			N/A	N/A	
Dowtority	Use of comput	ter keyboard	Frequent	Substantial		Infectious	N/A		N/A	N/A	
Dexterity	Handwriting		Frequent	Substantial		Diseases					
Repetitive	N/A		N/A	N/A		Type(s):	Exposure Type(s): Ex- Repair sewer pipes; empty		residence trash cans.		
Twisting							·	or less than	1	sthan	
Awkward	N/A		N/A	N/A		Symbols:	> equal to or greater than			> greater than	
Positions & Motions	1471		14//	14//			- Equal to of	bi cater triail	, gi ea	C. CIGIT	

Vision Hearing Conversation N/A Smell Touch Voice One-on-One Persona Category N/A Eye and Face Protection Respiration Protection Hearing Protection Head Protection Hard hat (in N/A N/A N/A N/A N/A Protection Hand Protection	nal level	N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	Hazardous Surfaces Other Hazards Hours Worked Telework Eligible Category Motor Vehicles Heavy	Condition/Level/Value Abrupt uneven surfaces Lasers More than 40 hours/week More than 8 hours/day More than 5 consecutive days Yes Equipment Operation Type N/A N/A	Seldom Occasional Occasional Occasional Seldom N/A N/A	Duration Short Moderate Duration N/A			
Hearing Conversation N/A Fouch Voice One-on-One Persona Category N/A Eye and Face Protection Respiration Hearing Protection Heard Protection Hard hat (in Protection M/A N/A Hard Protection N/A M/A Protection N/A	nal level	N/A N/A N/A N/A N/A N/A ipment (PPE) Frequency N/A N/A	N/A N/A N/A N/A N/A Duration N/A	Surfaces Other Hazards Hours Worked Telework Eligible Category Motor Vehicles	Lasers More than 40 hours/week More than 8 hours/day More than 5 consecutive days Yes Equipment Operation Type N/A	Occasional Occasional Occasional Seldom N & Use Frequency N/A	Moderate Duration N/A			
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N/A Eye and Face Protection Respiration Protection Hearing Protection Head Protection M/A M/A Mard hat (in	Туре	N/A N/A	N/A	Motor Vehicles	N/A	N/A	N/A			
N/A Eye and Face Protection Respiration Protection Hearing Protection Head Protection N/A M/A MA MA MA MA MA MA MA MA		N/A N/A		Motor Vehicles	N/A	N/A				
Respiration N/A Protection Hearing N/A Protection Head Protection N/A Hard hat (in		N/A	N/A	Vehicles	N/A					
Protection Respiration N/A Protection Hearing N/A Protection Hard hat (in Protection M/A Protection N/A			N/A	Heavy	N/A	N/A				
Respiration N/A Protection N/A Hearing N/A Protection Hard hat (in Protection N/A Hand N/A Protection N/A			N/A	Heavy	IV/A		N/A			
Protection Hearing Protection Hard hat (in Protection M/A MA Protection N/A Protection			N/A	IHeavv		14/74	14// (
Protection Hearing N/A Protection Hard hat (in Protection M/A Hand Protection			N/A	Equipment			-			
Hearing N/A Protection Head Hard hat (in N/A Protection N/A				Equipment						
Protection Head Protection N/A Protection							<u> </u>			
Head Protection N/A Protection		N/A	N/A	Other	N/A	N/A	N/A			
Head Protection N/A Hand Protection				Equipment or			<u> </u>			
Protection Hand Protection	Hard hat (impact protection)		Short	Machinery						
Hand N/A Protection										
Hand Protection					N/A	N/A	N/A			
Protection	N/A		N/A	Hand-Held						
				Power Tools						
Steel/compo										
	Steel/composite toe-safety						t			
Foot rated			Short	Hand Tools	Electronic tools	Occasional	Short			
Protection				and						
				Instruments						
N/A	N/A		N/A							
Body, Arm,		Seldom		OFF: -	Computer	Frequent	Substantial			
and Leg				Office Machines &	Digital conferencing	Occasional	Short			
Protection					Printer/Copier/Fax	+	Short			
	Onovetoville				!	Seldom	211011			
NOTE IS SOLVED	Operator Licen	ise		Commercial Driver's License						
NOTE: If CDL is	Type				VA DMV requires: 20/40 in each					
required, show N/A					eye w/o telescopic lens & ≥140° N/A horizontal vision.					
element to				horizontal visior						
right.										
<u> </u>										

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

ob requires the ability to understand and follow:

Complex information where the listener must analyze the information presented, discern the key facts vs. opinions, and make a determination on appropriate recommendation or action.

2 Communicate Orally - Verbally express thoughts and directions

Job requires:

Explaining and interpreting specialized, and sometimes sensitive, information to co-workers, customers, citizen groups or higher officials.

3 Comprehend and Follow Written Material or Instructions - Understand written material, interpret appropriately, and adhere to the procedures stated.

Job requires ability to comprehend:

Complex written material in the form of formal reports of a highly specialized or technical nature. Guidance and clarification are typically available.

4 Written Communication Skills - Express thoughts and directions in writing

Job requires:

Written explanation and interpretation of specialized information to other City agencies, customers, higher officials and authorities.

5 Maintain an Appropriate Work Pace - The flow or rate of incoming work assignments and the expectations for completion of tasks

Job requires ability to adhere to work schedule:

n a fast paced environment where much of the work is new and nonrecurring.

6 Perform Complex or Varied Tasks - The variety of tasks and assignments and the level of complexity of those tasks/assignments

ob requires ability to perform:

A variety of tasks at the specialist or leader level.

7 Interact and Relate to Peers, Co-Workers, or the Public - The nature and level of interaction with others required of the job

lob requires interaction:

With a variety of individuals or groups outside the immediate unit/agency to collaborate on issues or projects.

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

lob requires:

Considerable reasoning and decision making. Issues and/or data are interpreted and evaluated, alternatives are evaluated, and recommendations are made for resolution of issues.

9 Memory and Recall - The body of stored knowledge required and the retrieval of that information to accomplish duties

Job requires the ability to:

 $Remember information from broad bodies of knowled \underline{g} e (engineering, psychology, biology, law, etc.) and apply it to projects and assignments. \\$

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

Job requires flexibility and willingness:

To adjust to non-typical conditions or situations where a new or different process/procedure must be utilized to accomplish work.

11 Attention Span - Sustained attention or the time spent continuously on task without becoming distracted to successfully perform duties

Job tasks are:

Varied, substantially long, and require considerable focus. Lapses may result in operational or production delays.

12 Attention to Detail - Thoroughness and accuracy are required to accomplish tasks

Job tasks:

Involve investigation, inspection, auditing, or observation. Inattention to detail could result in confusion and delays.

13 Reaction Time - Describes work that requires an immediate response or decision

Job requires the ability to:

Provide an immediate response/decision to situations outside of normal daily operations, procedures or processes. Delays occur if response is not timely.

14 Direct, Control, and Plan the Work of Others - Determine the time, place and sequence of work procedures, operations, and actions. Establish goals and objectives, motivate, and promote cooperation and teamwork in the work group

Job requires:

No supervision or management of staff.

 $15\,Influence\,Others\,-\,Obtain\,cooperation\,from\,others\,to\,accomplish\,tasks\,and\,objectives$

Job requires:

Obtaining support and cooperation from citizens and outside groups to accomplish objectives.

16 Stress Tolerance - Ability to perform duties without anxiety when faced with difficulties. Having positive stress tolerance is being able to stay calm in situations of heavy workload, tight deadlines, and/or difficult customers

Job requires the ability to:

Tolerate typical work stressors such as deadlines or conflict and maintain composure.