

## Program Physical Demands Analysis

<b>Program</b>	Electrical Engineering Technician (K788)	<b>Date</b>	May 2023
<b>Co-Ordinator</b>	Ryan Pepper	<b>Chairperson</b>	Mark Benoit

STRENGTH							
Physical Demands	WEIGHT		* FREQUENCY				
	Maximum (in lbs)	Usual (in lbs)	Never	Seldom	Minor	Required	Major
Lifting	50	10	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Carrying	50	10	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Pushing	75	40	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Pulling	75	40	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Fine Finger Movements			<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Handling			<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Gripping			<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Reaching (Above Shoulder)			<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Reaching (Below Shoulder)			<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Foot Action (1 Foot)			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Foot Action (2 Foot)			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Comments:</b>							

MOBILITY					
Physical Demands	* FREQUENCY				
	Never	Seldom	Minor	Required	Major
Throwing	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Sitting	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Standing	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Walking	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Running	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Climbing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Bending/Stooping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Crouching	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Kneeling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Crawling	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Twisting	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Balancing	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
<b>Comments:</b>					

SENSORY / PERCEPTUAL					
Physical Demands	* FREQUENCY				
	Never	Seldom	Minor	Required	Major
Hearing – Conversation					<input checked="" type="checkbox"/>
Hearing – Other Sounds					<input checked="" type="checkbox"/>
Vision – Far					<input checked="" type="checkbox"/>
Vision – Near					<input checked="" type="checkbox"/>
Vision – Colour					<input checked="" type="checkbox"/>
Vision – Depth					<input checked="" type="checkbox"/>
Perception – Spatial					<input checked="" type="checkbox"/>
Perception – Form					<input checked="" type="checkbox"/>
Feeling					<input checked="" type="checkbox"/>
Reading					<input checked="" type="checkbox"/>
Writing				<input checked="" type="checkbox"/>	
Speech	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Comments:</b>					

WORK ENVIRONMENT					
Physical Demands	* FREQUENCY				
	Never	Seldom	Minor	Required	Major
Inside Work	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Outside Work	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Hot/Cold	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Humid/Dry	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Dust	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Vapour Fumes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Noise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Moving Objects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Hazardous Machines	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Electrical	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>
Sharp Tools etc.	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Radiant/Thermal Energy	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Slippery	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Congested Worksite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Comments:</b>					
Students in this program are required to wear the following PPE: Safety glasses, safety boots, hard hats.					

CONDITIONS OF WORK					
Physical Demands	* FREQUENCY				
	Never	Seldom	Minor	Required	Major
Travelling			<input checked="" type="checkbox"/>		
Work Alone				<input checked="" type="checkbox"/>	
Work Independent but in group				<input checked="" type="checkbox"/>	
Deadline Pressures				<input checked="" type="checkbox"/>	
Interact with Public				<input checked="" type="checkbox"/>	
Operate Equipment/ Machinery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Comments:</b>					

Accessibility	
Wheelchair accessible	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
<b>Comments:</b>	

**\* Frequency:**

- Never .....Not performed.
- Seldom .....Seldom performed. Not daily.
- Minor.....Minor daily activity. Less than 1 hour
- Required .....Frequent repetition, for 1-3 hours daily
- Major.....Major job demand. Maximum ability required. Frequent repetition for more than 3 hours daily.