## PHYSICAL DEMANDS DESCRIPTION (PDD)

	June 30, 20 artment ICI	– Preventative Main	tenance		J	ob Tit	le Ele	ctrician		t Jennifer Yorke B. Sc. (Hons Kin)  Company Enwave (McDowell Electric)	
				*FREQUENCY				LOAD (object/tool)		Company Enwave (MeDowell Electric)	
	PHYSICAI	L DEMANDS	Not Component	Seldom	Minor	Required	Major	Maximum (Kg)	Usual (Kg)	COMMENTS	
Н	Lifting				Х			19	> 1	Lifting tool box off the floor; Usually lifting a small tool (ie. Screwdriver)	
	Carrying				Х			19	1	A tool belt is carried to the work area; Usually carrying a spool of wire	
	Pushing						X	2.5	2.5	Pushing on screw head to tighten screw	
	Pulling				X					Wire pulling over distance of approx. $2 - 2\frac{1}{2}$ ft	
	Handling				X			19	> 1	Handling a small screwdriver	
STRENGTH	Throwing		X								
Ž	Gripping	Power Grasp		X						Using pliers	
S		Pinch Grasp					X			Gripping of small screwdriver	
	Reaching	Above Shoulder				Х				Tightening screws in the top half of the control panel (Distance of 60"+ from the floor)	
		Below Shoulder				X				Tightening screws in the bottom half of the control panel	
		To the Side		X						-	
	Shoulder	Abduction				X			•		
		Flexion					X				
POSTURES	Hip	Abduction	X								
	Wrist	Flexion/Extension				X					
		Radial/Ulnar Devn		X							
		Pronate/Supinate			X			Screw	ing mo	tion mostly emanates from fingers	
	Trunk	Flexion			X						
		Extension	X								
		Side Bend	X								
		Twist		X							
		Flexion			X						
	Neck	Extension		X							
		Side Bend	X								
		Twist	X								
	Sitting					X		Preventative maintenance (PM) from the floor to a height of 59 is completed in a seated position			
MOBILITY	Standing						Х	Replacing high temperature wires; PM on control panel			
	Walking				X						
	Climbing				X			Climb	oing one	e flight of stairs	
	Crawling		X								
	Crouching		X								
	Kneeling		X								
	Balancing			X				Carry	ing iten	ns up one flight of stairs	
	Foot	One Foot	X								
	Action	Feet				X		Standing, climbing stairs			
	Fine Finger	Movements					X	Tighte conne		f control panel screws, insertion of wire into	

SELDOM = Not always performed during completion of job MINOR = Performed less than 25% of job

REQUIRED = Frequent Repetition for 25%-50% of job MAJOR = Frequent Repetition for more than 50% of job

## PHYSICAL DEMANDS DESCRIPTION (PDD)

	Not Component	*	FREQ	UENC	Y		
PHYSICAL DEMANDS			Seldom	Minor	Requir ed	Major	COMMENTS
Hearing	Conversations	Х					
	Other Sounds		X				Emergency alarms
Vision  Percepti  Feeling Reading Writing	Far	X					
Vision	Near					X	Distances of 26" from the nose
	Colour			X			
	Depth			X			
Percepti		on		X			
Тегеори	Form - recognition	)II		A		X	Recognizing different breakers and screws
Feeling	1 OTHI Tecognition					X	Determination of endpoint for screwing screws
Reading						Λ	Betermination of enapoint for serewing serews
Writing							
	<u> </u>			1			
	Keying/Typing			1			
	Speech		X				Inside work environment
	Outside Work			1			
	Hot		X				Upper floors can become hot in summer months
	Cold			-			Indoor work environment
	Humid						Indoor work environment
	Dry					X	The work environment is dry as it is inside
	Dust		X				Electrician dusts the components after servicing
	Vapour Fumes		X				
Noise						X	Steam plant
Vibratio		X					
	Upper Extremity	X					
Contact	Contact Stress			X			Screwing in screws, using pliers
Striking	Striking with Hand/Fist						
Moving	Moving Objects		х				
	Hazardous Machines						
Electric	Electrical					X	Working on electrical components
Sharp T	Sharp Tools		X				Pliers
	Radiant/Thermal Energy		X				Preventative maintenance is performed when the steam plant is up and running
Slippery	Slippery						
	Congested Worksite		Х				
	Chemical Irritants						
	Works Independent but in Group						Preventative maintenance is completed individually
	Operate Equipment/Machinery						
	Machine Paced						
	Production Quotas					X	Must complete work by a certain date
	Deadline Pressures		X			- 1	and the second s
	Extended Hours		X				May do emergency calls
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**Prepared by:** Jennifer Yorke B. Sc. (Hon. Kin.)

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