PHYSICAL DEMANDS DESCRIPTION (PDD)

	May 24, 200	06 v Rise Residential			T	ob Tit	le Flec	Ar etrician	nalyst Je	nnifer Yorke B. Sc. (Hons. Kin.) Company Richview Electric (LU 353)		
Depa	I thicht LOW	Trise residential		*					AD	Company Richview Licenie (LU 333)		
			nt		FREQUENCY			(object/tool)				
	PHYSICAL	L DEMANDS	Not Component	Seldom	Minor	Required	Major	Maximum (Kg)	Usual (Kg)	COMMENTS		
	Lifting				Х			18	5	Loading trucks for each site; Loads above 23 Kg lifted by 2 workers Lift start: 31 1/8" or 0"; Lift finish: 26 3/8"		
	Carrying						х	18	5	A tool belt is worn to carry tools – hammer, drill (approx. 5 Kg); Carrying equipment to second floor		
	Pushing					X		10	2.5	Pushing fixtures, etc. into place		
H	Pulling					Х		3.75	2.5	Wire pulling during rough-ins		
GI	Handling						X			Materials and tool handling		
STRENGTH	Throwing			X						Underhand toss to place materials on the floor		
	Gripping	Power Grasp				X				Wire stripping, drilling		
		Pinch Grasp					X			Gripping wires, nails, etc.		
	Reaching	Above Shoulder				Х				Overhead light and fixture installation, wire pulling and drilling		
		Below Shoulder				Х				Switch, plug and fixture installation, wire pulling and drilling		
		To the Side			X					Awkward positions during overhead installations		
	Shoulder	Abduction			X							
		Flexion					X	Ladder work, wire pulling, meter base installation, etc.				
	Hip	Abduction			X							
	Wrist	Flexion/Extension Radial/Ulnar Devn		X				D '11	1.1			
Ñ						X		Drill and hammer use Screwdriver use				
RE		Pronate/Supinate Flexion			X			Plug installation, wire pulling, drilling, etc.				
\mathbf{I}	Trunk	Extension		v			X	1 lug ilis	tanation,	whe pulling, drilling, etc.		
POSTURES		Side Bend		X	Х			Ladder work, overhead work				
Ā		Twist		X	Λ			Lauder work, overhead work				
		Flexion		Λ		Х		Plug fixture installation, wire pulling, drilling				
	Neck	Extension				X		Overhea		amen, who pulming, uniming		
	- 10011	Side Bend		X		Λ		C . 511100				
		Twist		X								
	Sitting	1		X				Most wo	ork is com	pleted in the standing or crouching position		
	Standing			-			Х					
	Walking						X					
MOBILITY	Climbing					Х		Climbin	g ladders	and 1-2 flights of stairs		
	Crawling			X								
	Crouching						X	Installat	ion of plu	gs, wire pulling, picking up items on the floor		
<u> </u>	Kneeling					X		Installing plugs, cutting vapour barrier				
\mathbf{Z}	Balancing					X				ng items upstairs		
	Foot One Foot					X		While k	neeling on	one knee		
	Action Feet						X					
	Fine Finger	Movements				X			n and inse	ertion of wires into breakers, switches, etc.		
		ys performed during comp less than 25% of job	letion of	job	*	*FREQ	UENC	REQU		requent Repetition for 25%-50% of job ent Repetition for more than 50% of job		
VIIINU	x – remormed l	1000 Hall 45% OI JOD	7	1 0	*171	REQUI	FNCV	MAJC	∍r = rrequ	ен керешион тог шоге шан 50% 01 јов		

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	PHYSICA	L DEMANDS		Seldom	Minor	Required	Major	COMMENTS
	Hearing	Conversations			X			During initial organization of task distribution
. 1		Other Sounds		X				Potential emergency calls or alarms
SENSORY/PERCEPTUAL		Far				X		Past 5 feet; Seeing potential obstacles, wire extension, etc.
	Vision	Near					X	Used during fixture installation, breaker installation, etc.
		Colour				X		Used to distinguish "in" and "out" when wiring
		Depth				X		Used in the installation of fixtures; wire pulling
	Perception	Spatial – organization				X		Room layout, wire drilling, etc.
Υ'I	_	Form - recognition				X		Distinguishing plug fixtures from switch fixtures, etc.
¥	Feeling					X		
SS	Reading			X				Initial reading of lighting blueprints
台	Writing			X				
S	Keying/Typing		X					
	Speech				X			Communicating work accomplished and work to be done
	Outside Work				X			Installing meter bases
	Hot				Х			Average max. temp. (for the GTA) in July is 29C. Work continues during hot weather.
LN	Cold				Х			Work continues during the winter months – extreme cold limits ability to work
	Humid				X			Usually the weather is humid during the summer months - work continues during humid weather
	Dry						X	Work is completed in a dry, indoor environment. (Except for panel installation)
Æ	Dust				X			Drilling and sediment on the ground; masks available
Ź	Vapour Fumes			X				Adhesive used during meter base installation
2	Noise						X	Construction equipment, drilling, hammering, etc.
WORK ENVIRONMENT	Vibration	Whole Body		X				Driving to and from the job site
		Upper Extremity					X	Drilling
\mathbf{Z}	Contact Stress					X		Hammering, drilling, etc.
)R	Striking with Hand/Fist		X					Striking is accomplished with hand tools (eg. Hammer)
⋛	Moving Objects					X		
	Hazardous l	Machines	X					Tools used are safe with proper protocol
	Electrical						X	
	Sharp Tools			X				
	Radiant/Thermal Energy		X					
	Slippery			X				Mud around the house when it rains
	Congested Worksite					X		Extension cords, construction debris
	Chemical Irritants			X				Meter base installation adhesive; work gloves available
7.0	Works Independent but in Group						X	Work is completed with a minimum of one other person
Š.	Operate Equipment/Machinery					X		Drills
CONDITIONS	Machine Paced			X				
	Production Quotas						X	Must complete work in a certain cycle of time
00	Deadline Pressures			X				
	Irregular/Extended Hours			X				
		rs performed during completion	n of job		*FRE	QUEN	ICY	REQUIRED = Frequent Repetition for 25%-50% of job MAJOR = Frequent Repetition for more than 50% of job

Prepared by: Jennifer Yorke B. Sc. (Hon. Kin.)

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