Job Analysis Form

ALTERNATE FORMAT AVAILABLE



SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME:	_ JOB TITLE: Industrial Maintenance Electrician	Exposures:
DEPARTMENT: Natural Resources and Parks		•
	work by constructing, maintaining and wiring a wide	X_Outside weather
variety of equipment and conducting preventive maintenance programs		Non-weather related
WORK ENVIRONMENT: Wastewater Treatment Pla		temp below 55 ⁰
	d repairs on low (0-1000 volts), medium(1 KV-72.5KV)	Non-weather related
	nsformer and distribution systems and power generation	temp above 75 ⁰
	o-generating systems and ancillary equipment. Install,	X_Humidity/dampness
	tenance on motor control centers, including associated	X Moving mechanical parts
control devices such as relays, timers, switches, and interlocks. Install, maintain, troubleshoot, and repairs to variable frequency and direct current drives including adjustment of speed profiles, troubleshooting and		Exposed high places
•	• • • • • • • • • • • • • • • • • • • •	X_Vibration
programmable logic controllers; Design and modify o	needed. Install, troubleshoot, reprogram and modify	X_Toxic or caustic chemicals
equipment. Interpret displayed data, troubleshoot, n		Confined spaces
control systems and related hardware. Install, modif	•	X_Wet X_Gasses
	npliance with municipal and national electrical codes.	X Fumes X Odors
	erruptible power supply equipment including the servicing	X_DustsMists
·	r sources. Repair and maintain the electrical equipment	RadiationExplosives
and controls associated with gas systems including	•	X Noise Level 80-100 DBL
• • •	mal imaging of electrical equipment, interpret results,	X High Voltage
create reports and repair problems. Review and upo	date program documentation, and engineering drawings	Special Requirements:
to facilitate coordination of maintenance efforts. Coo	ordinate activities, schedule outages, and work	•
cooperatively with those performing other crafts. Wr	•	☐ CDL ☐ Respirator use
defective parts and to obtain additions to spare parts	s inventory. Provide on the job training for new and	
other skilled trades positions.		

^{***}Continued on next page.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	30 min. – 7 hrs.
Walking ☑ uneven terrain	5 min. – 1 hr.
Sitting	30 min. – 8 hrs.
Climbing stairs	2 min. – 32 min.
Climbing <u>Ladders and</u>	0 – 3 min.
equipment_	
Balancing	45 min. – 1 hr.
Bending/Stooping	45 min. – 1 hr.
Kneeling	45 min. – 1 hr.
Crouching	45 min. – 1 hr.
Crawling	0
Foot controls	30 min. – 1.5 hrs.
Reaching above shoulders	5 min. – 1 hr.
Reaching waist-shoulder	Up to 4 hrs.

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	5 min. – 1 hr.
Reaching floor-knee	5 min. – 1 hr.
Lifting/Carrying 1-10#	30 min. – 3 hrs.
Lifting/Carrying 11-20#	30 min. – 2 hrs.
Lifting/Carrying 21-50#	5 min. – 1 hr.
Lifting/Carrying 51-100#	0 – 5 seconds
Lifting/Carrying 100+#	0
Handling	3 – 10
Hand Controls	30 min. – 3 hrs.
Fingering □ keyboarding	0 – 8
Vision to assure safety of others	30 min. – 1.5 hrs.
Hearing to assure safety of others	3 – 10
Other – Pushing and pulling	Up to 30 minutes

I have reviewed the following Job Analysis for the above-named candidate.		
Physician's Signature	Date	