

Job Analysis Form

ALTERNATE FORMAT AVAILABLE



SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

PATIENT NAME: _____

JOB TITLE: Plumber

DEPARTMENT: Transportation, Airport

WORK SCHEDULE: 40/week (4 days – 10 hours/day)

JOB DESCRIPTION: Performs journey level plumbing and mechanical activities including installing, maintaining and repairing pipes, storm and sanitary sewers, wet and dry fire sprinkler systems, valves, steam vales, traps, drains, basins, tubs, faucets, sinks, hydrants, water mains and water coolers.

WORK ENVIRONMENT: Field

ESSENTIAL FUNCTIONS: Repair and maintain water supply, storm drain, and irrigation systems. Repair/weld plumbing fixtures in the shop by re-facing, repacking, and resealing valves; cutting, threading and bending pipe; replacing pump bushings and barrings, and testing pressure equipment. Inspect water mains, sprinklers, fixtures, and other equipment to determine maintenance needs. Inspect water mains, sprinklers, fixtures and other equipment to conduct maintenance needs. Read and interpret blueprints and written instructions for plumbing repair and maintenance projects; provide time and material estimates on plumbing repair and maintenance projects. Evaluate tenant plumbing and fire suppression systems and comment vis a vi Airport systems and needs. Clean, maintain and repair power and hand tools used in plumbing trade. Work in team with HVAC, electrical and other work group employees.

PHYSICAL DEMAND	HRS PER SHIFT	PHYSICAL DEMAND	HRS PER SHIFT
Standing	5 – 6 hours	Reaching knee-waist	2 – 8 hours
Walking <input checked="" type="checkbox"/> uneven terrain	4 – 6 hours	Reaching floor-knee	2 – 8 hours
Sitting	1 – 2 hours	Lifting/Carrying 1-10#	4 – 8 hours
Climbing stairs	1 – 2 hours	Lifting/Carrying 11-20#	4 – 8 hours
Climbing <u>ladder/equip</u>	2 – 4 hours	Lifting/Carrying 21-50#	2 – 8 hours
Balancing	4 – 8 hours	Lifting/Carrying 51-100#	2 – 8 hours
Bending/Stooping	4 – 8 hours	Lifting/Carrying 100+#	2 – 4 hours
Kneeling	4 – 8 hours	Handling	7 – 9 hours
Crouching	2 – 4 hours	Hand Controls	2 – 3 hours
Crawling	1 – 2 hours	Fingering <input checked="" type="checkbox"/> keyboarding	1 – 2 hours
Foot controls	1 – 2 hours	Vision to assure safety of others	8 – 9 hours
Reaching above shoulders	2 – 8 hours	Hearing to assure safety of others	8 – 9 hours
Reaching waist-shoulder	2 – 8 hours	See Colors	6 – 8 hours
		Speak Clearly	6 – 8 hours

Exposures:

Outside weather

Non-weather related temp below 55°

Non-weather related temp above 75°

Humidity/dampness

Moving mechanical parts

Exposed high places

Vibration

Toxic or caustic chemicals

Confined spaces

Wet Gasses

Fumes Odors

Dusts Mists

Radiation Explosives

Noise Level 140 DBL

Other _____

Airport Driving Permit

Respirator use

I have reviewed the following Job Analysis for the above-named candidate.

Physician's Signature

Date