

4J School District Essential Function Analysis

Document intended for disability management purposes for use by medical providers. Job summary information does not detail all essential job functions.

Job Title: Irrigation Specialist	
Department / Division: Facilities Maintenance/ Custodial/Grounds	Work Hours: 8 hours daily/M-F as assigned/ Subject to emergencies, after hours/weekend response.
Job Summary	
X Plan, oversee and participate in the maintenance, installation and effective operation of the District's irrigation system including computerized irrigation water programming. Provides ongoing lead direction to assigned employees.	
Essential Job Functions (Constantly = Over 2/3 time, Frequently = 1/3-2/3 time, Occasionally = Under 1/3 time, Seldom - Under 6% time)	
<p><u>PHYSICAL</u></p> <ul style="list-style-type: none"> • Standing/walking: Frequent-constant standing in combination with walking over grass and uneven terrain during maintenance and construction projects.. Distance varies according to assignment, may exceed 3 miles per day. • Sitting: Frequently while performing system monitoring/programming tasks, or occasionally, while operating trencher, backhoe, and while operating a district vehicle while traveling to various school sites. • Lift/carry: Frequent lifting 10-50 lbs. tools, equipment and materials. Occasionally 51-90 lbs.; tools, equipment, materials. Carrying up to 50 ft. • Push/pull: Frequently, using both hands/arms in moving equipment and materials, using hand/power tools. Exerts 50-75 lbs. force while setting valve boxes, digging and picking hard ground. • Climbing: Occasionally, on and off equipment, backhoe. • Bending/twisting: Frequently performs repetitive bending at waist/neck while performing manual labor tasks, shoveling/digging and using hand/power tools. Frequently bends at knees/waist/neck and in awkward positions working on sprinkler heads, can be for extended periods. • Kneeling/crouching/crawling: Frequently, kneels or crouches on grass/dirt while performing maintenance/replacing irrigation equipment. • Hands/arms: Constant use of both hands/arms in reaching/handling/power grasping/fingering/gripping using hand and power tools. Subject to vibration from tool use, trencher, backhoe and jackhammer. Seldom, overhead reaching taking pipe off pipe rack. • Sight: Constant use of sight abilities, including color vision, hand/eye coordination and depth perception for inspecting/repairing irrigation equipment and while operating vehicle. • Speech/hearing: Constantly, in communication with coworkers and to maintain a safe work environment. <p><u>MENTAL</u></p> <ul style="list-style-type: none"> • Frequent mental attention while using hand or power tools. Requires problem solving skills, mechanical aptitude and technical expertise in constructing and maintaining computerized systems. • Must be able to read/write/speak English. Read blueprints and schematics. Must be able to operate computerized equipment, adjust settings, use basic math skills to calculate material needs, maintain budget and adjust equipment settings. • Must be able to work independently and follow through on all assignments. • Must be able to supervise projects and direct work of assigned employees. • Must possess ability to identify and troubleshoot maintenance problems and resolve issues in a timely manner. 	
Work Conditions	
<ul style="list-style-type: none"> • Location: 60-100% outdoors in field environment depending on assignment with exposure to all typical weather conditions, including travel from site to site. • Hazards: Exposure to sharp objects, pinch points, moving objects/vehicles, moving mechanical parts, odors/fumes/gasses, dust/noise/vibration, slippery surfaces, PVC cement/solvents, cramped/confined work spaces, electrical shock and burns from heated equipment. • Equipment Used: Service truck/van, computer, electronic testing equipment, general office equipment, radio, hand/power tools, jackhammer, shovel, pickax, water hoses, valves, backhoe, trencher. • Safety Equipment: Eye/foot/ear protection, gloves and other PPE as required. 	