

PINELLAS COUNTY SCHOOL BOARD
FLORIDA

PCSB: 6720
Pay Grade: D11

FLSA: Non-Exempt

IRRIGATION SYSTEMS TECHNICIAN-JOURNEYMAN

MAJOR FUNCTION:

Performs skilled work in the inspection, repair, replacement, expansion and installation of irrigation systems that transport and distribute water over school site and school system administrative facility grounds. This includes, but is not limited to, the installation, adjustment, and repair of auxiliary equipment such as timers, controls, solenoid or manual valves and pumps as required. Leads and trains subordinates in minor repairs and installation. Work is performed under general direction with some independence and reviewed in progress and upon completion through results obtained.

DUTIES AND RESPONSIBILITIES:

- Installs, repairs and/or replaces irrigation systems including timers, controls, pumps, sprinkler heads, piping, and pipe fittings following sketches, diagrams and manuals. Adjusts system pressure to specification.
- Examines the distribution system to locate leaks and to make adjustments to the spray pattern of the sprinkler heads.
- Inspects new systems and follows bid specifications on new construction to assure compliance of new construction contractor; makes installations or modifications when necessary.
- Tests system operation for proper water distribution and performs preventive maintenance tasks as required; extends or modifies existing systems to correct coverage as needed.
- Recommends replacement of faulty components or systems.
- Applies knowledge of electricity, electronic components, and gauges, etc., in the installation, adjustment and repair of timers, controls, solenoid or manual valves and pumps.
- Applies knowledge of applicable plumbing codes and other trade practices in the lay-out, installation and repair of irrigation systems; for compliance with county and state laws pertaining to effluent water systems; for hydraulics and pneumatics as they relate to flow rates, pressures and pipe sizes including applicable wall thicknesses of PVC pipe.
- Applies knowledge of various types of sprinkler heads and other irrigation fixtures to assure appropriate application.
- Diagnoses common irrigation system problems and detects, by inspection, any worn, broken or wrongly adjusted parts; works from diagrams and sketches; carries out written and oral instructions; maintains records and prepares reports.
- Leads and trains assisting personnel, and trains users at operation site.
- Performs related work as required.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of GED, supplemented by one (1) year of training in the plumbing trade, plus four (4) years progressively responsible experience in irrigation systems installation and repair or plumbing. The successful completion of up to two (2) years of verifiable formal training in the trade (vocational, military, indentured apprentice school) may be substituted for a like amount of the experience requirement. Possession of a valid State of Florida Class E noncommercial driver's license, and any other license as may required by law.

ISSUED: 7/88 PBL; BOARD APPROVED: 8/10/88; TITLE CHANGE BOARD APPROVED: 8/23/89;
MQ'S REVISED: 2/90 MW; BOARD APPROVED: 3/14/90; MQ'S REVISED: 11/91 PBL; BOARD
APPROVED: 3/25/92; REVISED WC: 7/04 LM.

The above statements are intended to describe the general nature and level of work being performed by employees assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities and duties required of those in this classification.

IRRIGATION SYSTEMS TECHNICIAN-JOURNEYMAN

<u>WORKING CONDITIONS & PHYSICAL EFFORT:</u>	Seldom Or Never	Monthly	Weekly	Daily	Hourly
1. Lift objects weighing up to 20 pounds				X	
2. Lift objects weighing 21 to 50 pounds				X	
3. Lift objects weighing 51 to 100 pounds		X			
4. Lift objects weighing more than 100 pounds	X				
5. Carry objects weighing up to 20 pounds				X	
6. Carry objects weighing 21 to 50 pounds				X	
7. Carry objects weighing 51 to 100 pounds		X			
8. Carry objects weighing 100 pounds or more	X				
9. Standing up to one hour at a time				X	
10. Standing up to two hours at a time				X	
11. Standing for more than two hours at a time				X	
12. Stooping and bending					X
13. Ability to reach and grasp objects					X
14. Manual dexterity or fine motor skills					X
15. Color vision, the ability to identify and distinguish colors				X	
16. Ability to communicate orally					X
17. Ability to hear					X
18. Pushing or pulling carts or other such objects			X		
19. Proofreading and checking documents for accuracy				X	
20. Using a keyboard to enter and transform words or data			X		
21. Using a video display terminal			X		
22. Working in a normal office environment with few physical discomforts	X				
23. Working in an area that is somewhat uncomfortable due to drafts, noise, temperature variation, or other conditions				X	
24. Working in an area that is very uncomfortable due to extreme temperature, noise levels, or other conditions					X
25. Working with equipment or performing procedures where carelessness would probably result in minor cuts, bruises or muscle pulls				X	
26. Operating automobile, vehicle, or van				X	
27. Other physical, mental or visual ability required by the job	X				