

PINELLAS COUNTY SCHOOL BOARD
FLORIDA

PCSB: 6695
Pay Grade: D13

FLSA: Non-Exempt

INSTRUMENT TECHNICIAN-JOURNEYMAN

MAJOR FUNCTION:

Under general supervision, inspects and tests equipment or parts and instruments for repair, modification or overhaul. Tests, repairs and operates mechanical, optical, hydraulic, pneumatic instruments and computer-controlled equipment.

DUTIES AND RESPONSIBILITIES:

- Inspects, tests, adjusts and repairs instruments, using hand tools and precision testing equipment.
- Analyzes blueprints, sketches, control and wiring diagrams, and follows oral instructions to determine parts, tools, test equipment and sequence of operations required to perform duties.
- Analyzes and makes corrective adjustments to direct digital energy management and HVAC computer-controlled equipment, software, hardware.
- Analyzes energy management control equipment and makes corrective adjustments to equipment. Also recommends corrections to HVAC chillers, chilled water distribution systems, direct expansion systems, HVAC air handlers, variable air volume boxes and associated dampers and ductwork.
- Orders and organizes needed material; substitutes similar parts and devices if necessary.
- Interfaces with outside contractors to correct customer's problems and warranty concerns.
- Responsible for preparation and follow through on work orders, test results, reports and records.
- Applies strong working knowledge of personal computer hardware and software including file management, programming, energy management and direct digital control software, in performance of job duties.
- Performs other work-related duties as requested.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a GED, plus four (4) years progressively responsible work experience in electronic controls. The successful completion of up to two (2) years of verifiable formal training in the trade (vocational, military, or 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 be required by law.

ISSUED: 11/81 DAM; FORMAT REVISED: 3/88; REVISED MQ'S: 2/90 MW; BOARD APPROVED: 3/14/90; MQ'S REVISED: 11/91 PBL; BOARD APPROVED: 3/25/92; REVISED MF and D & R: 2/00 PBL; 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.

Instrument 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				