

# SEMINOLE COUNTY PUBLIC SCHOOLS

## Job Description

### TECHNICIAN, Fire Alarm Systems

#### QUALIFICATIONS

- High School Diploma or equivalence OR Florida Special Diploma.
- Five years of verifiable experience in fire alarm installation, maintenance and repair with addressable and non-addressable system types or three years (3) with and an approved vocational certification.
- Class "D" or "E" driver's license required upon start date.
- Ability to physically perform responsibilities listed below.
- Active certification related to installation and servicing of fire alarm systems.
- Knowledge of technology and proficiency in the use of digital alarm systems as related to specific job functions.

**REPORTS TO** Division Supervisor

**SUPERVISES** No supervisory duties

#### POSITION GOAL

*To ensure District fire alarm systems are continuously operational and are maintained and repaired in an efficient manner as District safety needs demand with minimal service disruption.*

#### PERFORMANCE RESPONSIBILITIES

1. \* Install, diagnose and repair/replace wiring, devices and both analog and digital control panels for fire alarm systems.
2. \* Maintain and repair smoke and heat detectors, magnetic door holders, and fire alarm system components, including circuit cards, power supplies software, copper and fiber optic systems platforms.
3. \* Maintain current knowledge of NEC Article 760 for installing systems for fire protection.
4. \* Install raceways and perform pipe bending on above and below ground conduit installations.
5. \* Read and interpret construction plans, specifications and riser diagrams.
6. \* Perform regular system inspections to correct deficiencies and trouble indications.
7. \* Oversee and ensure the proper completion of work when performed and assisted by assigned Helpers and/or Laborers.
8. \* Assist in the design and specification of fire alarm systems and equipment and verifying the work performed under purchase order contracts.
9. \* Maintain accountability and inventory for assigned tools and equipment.
10. \* Evaluate system warranty service requirements and initiate service orders.
11. \* Administer and coordinate the work performed by contractors on the repair and service of fire alarm systems.
12. \* Initiate new and diagnose existing system programming, hardware and software.
13. \* Respond to emergency service calls as necessary.
14. \* Coordinate code requirements with local fire marshals and serve as technical advisor on system programming and configuration.
15. Perform other duties as assigned by the Division Supervisor

\*Denotes essential job function/ADA

#### PHYSICAL REQUIREMENTS

##### Heavy Work

Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.

**PHYSICAL ACTIVITIES**

<b>Standing</b>	Assuming an upright position on the feet particularly for sustained periods of time.
<b>Walking</b>	Moving about on foot to accomplish tasks, particularly for long distances.
<b>Climbing</b>	Ascending or descending ladders, stairs, scaffolding, ramps, poles, etc. Using feet and legs and/or hands and arms.
<b>Balancing</b>	Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or moving surfaces.
<b>Bending</b>	Lowering the body forward from the waist.
<b>Stooping</b>	Bending body downward and forward by bending spine at the waist through the use of the lower extremities and back muscles.
<b>Kneeling</b>	Bending legs at knee to come to a rest on knee or knees.
<b>Crouching</b>	Bending the body downward and forward by bending leg and spine.
<b>Crawling</b>	Moving about on hands and knees or hands and feet.
<b>Twisting</b>	Moving body from the waist using a turning motion.
<b>Reaching</b>	Extending hand(s) and arm(s) in any direction.
<b>Pushing</b>	Using upper extremities to press against something with steady force order to thrust forward, downward or outward exerting up to 100 pounds of force.
<b>Pulling</b>	Using upper extremities to drag, haul or tug objects in a sustained motion exerting up to 100 pounds of force.
<b>Lifting</b>	Raising objects from a lower to a higher position or moving objects horizontally from position to position through the use of the upper extremities and back muscles exerting up to 100 pounds of force.
<b>Finger Dexterity</b>	Picking, pinching, typing or otherwise working primarily with fingers rather than with the whole hand or arm.
<b>Grasping</b>	Applying pressure to an object with the fingers and palm.
<b>Feeling</b>	Perceiving attributes of objects, such as size, shape, temperature or texture by touching with the skin, particularly that of fingertips.
<b>Repetitive Motions</b>	Substantial and continuous movements of the wrists, hands, and/or fingers.
<b>Talking</b>	Expressing or exchanging ideas by means of the spoken word. Those activities in which detailed or important spoken instructions must be conveyed accurately, loudly or quickly.
<b>Hearing Acuity</b>	The ability to perceive speech and other environmental sounds at normal loudness levels.
<b>Visual Acuity</b>	The power to see at a level which allows reading of numbers and text, operation of equipment, inspection of machines, etc.

**WORKING CONDITIONS**

<b>Indoors &amp; Outdoors</b>	The worker is subject to both environmental conditions. Activities occur inside and outside.
<b>Cold</b>	The worker is subject to extreme cold. Temperatures are below 32 degrees for periods of more than one hour.
<b>Heat</b>	The worker is subject to extreme heat. Temperatures are above 100 degrees for periods of more than one hour.
<b>Noise</b>	The worker is subject to noise. There is sufficient noise to cause the worker to shout in order to be heard above the ambient noise level.
<b>Vibration</b>	The worker is subject to vibration. There is exposure to oscillating movement of the extremities of the whole body.
<b>Hazards</b>	The worker is subject to hazards. This includes a variety of physical conditions, such as proximity to moving mechanical parts, electrical current, working on scaffolding and high places, and exposure to high heat or chemicals.
<b>Atmospheric Conditions</b>	The worker is subject to atmospheric conditions. One or more of the following conditions affect the respiratory system or the skin, fumes, odors, mists, gases or poor ventilation.
<b>Oils</b>	The worker is subject to oils. There is air and/or skin exposure to oils and other cutting fluids.
<b>Respirator</b>	The worker is required to wear a respirator.

**TERMS OF EMPLOYMENT**

<b>PAY GRADE</b>	<b>POSITION CODES</b>	<b>FLSA</b>	<b>BOARD APPROVED</b>
<b>D-07 \$36,082 - \$64,076</b>	PeopleSoft Position <b>TBA</b>	<input checked="" type="checkbox"/> Applicable	<b>August 10, 2004</b>
District Salary Schedule	Personnel Category <b>18</b>	<input type="checkbox"/> Not applicable	August 12, 1997
Months 12	EEO-5 Line <b>53</b>		
Annual Days 258	Function <b>Vary</b>		
Weekly Hours 40	Survey Code <b>81046</b>		
Annual Hours 2064	Job Code <b>1643</b>		
		ADA Information Provided by <b>EMS</b>	
		Position Description Prepared by <b>Denis Quagliani</b>	