

SEMINOLE COUNTY PUBLIC SCHOOLS, FLORIDA

Position/Job Description

TECHNICIAN, HVAC Chillers

QUALIFICATIONS

- High School Diploma or equivalence or Florida Special Diploma.
- Five (5) years of HVAC mechanical experience.
- Three (3) years of experience with centrifugal liquid cooled and air cooled chillers.
- Knowledge of ice thermal energy storage systems.
- Possess and maintain a valid Florida Class D or E driver's license.

KNOWLEDGE, SKILLS, ABILITIES

- Knowledge of technology as related to specific job functions.
- Ability to read and interpret control drawings, schematics, and technical specifications.
- Ability to use appropriate meters and gauges.
- Ability to perform the responsibilities listed below.

SUPERVISION

REPORTS TO Division Supervisor
SUPERVISES No supervisory duties

POSITION GOAL

To ensure the District's chiller plants are operated and maintained in a manner that ensures efficient and optimum performance.

PERFORMANCE RESPONSIBILITIES

1. *Diagnose and repair problems on liquid and air cooled chillers.
2. *Diagnose and repair variable frequency drives.
3. *Install all associated components.
4. *Operate and diagnose discrepancies on computer based control systems.
5. *Monitor and use refractometer to measure glycol.
6. *Diagnose, troubleshoot, and repair pumps.
7. *Operate, maintain, install, and repair HVAC equipment.
8. *Perform scheduled, preventative maintenance on chillers and all other HVAC equipment.
9. *Assist in estimating and planning maintenance and construction projects.
10. *Identify and report system repair needs and safety discrepancies.
11. *Document labor hours and materials expended on assigned tasks.
12. *Work safely from ladders, platforms, scaffolding, and lifts.
13. *Maintain accountability for assigned tools and equipment.
14. Perform other duties as assigned by the Division Supervisor.

**Denotes essential job function/ADA*

EQUIPMENT / MATERIALS

Laptop, PC, refractometer, wavelength analyzer, diagnostic tools, hand tools, drive a SCPS van

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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

Sitting Resting with the body supported by the buttocks or thighs.
Standing Assuming an upright position on the feet particularly for sustained periods of time.
Walking Moving about on foot to accomplish tasks, particularly for long distances.
Climbing Ascending or descending ladders, stairs, scaffolding, ramps, poles, etc. Using feet and legs and/or hands and arms.
Bending Lowering the body forward from the waist.
Stooping Bending body downward and forward by bending spine at the waist through the use of the lower extremities and back muscles.
Kneeling Bending legs at knee to come to a rest on knee or knees.
Crouching Bending the body downward and forward by bending leg and spine.
Twisting Moving body from the waist using a turning motion.
Reaching Extending hand(s) and arm(s) in any direction.
Pushing Using upper extremities to press against something with steady force order to thrust forward, downward or outward exerting up to 100 pounds of force.
Pulling Using upper extremities to drag, haul or tug objects in a sustained motion exerting up to 100 pounds of force.
Lifting 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.
Finger Dexterity Picking, pinching, typing or otherwise working primarily with fingers rather than with the whole hand or arm.
Grasping Applying pressure to an object with the fingers and palm.
Feeling Perceiving attributes of objects, such as size, shape, temperature or texture by touching with the skin, particularly that of fingertips.
Repetitive Motions Substantial and continuous movements of the wrists, hands, and/or fingers.
Talking 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.
Hearing Acuity The ability to perceive speech and other environmental sounds at normal loudness levels.
Visual Acuity The power to see at a level which allows reading of numbers and text, operation of equipment, inspection of machines, etc.

WORKING CONDITIONS

Indoors & Outdoors The worker is subject to both environmental conditions. Activities occur inside and outside.
Hazards 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.

TERMS OF EMPLOYMENT

PAY GRADE

D-08 \$38,815 - \$68,931
District Salary Schedule
Months 12
Annual Days 258
Weekly Hours 40
Annual Hours 2064

POSITION CODES

PeopleSoft Position TBD
Personnel Category 18
EEO-5 Line 53
Function Vary
Job Code 1643T
Survey Code 81046

FLSA

Applicable
 Not applicable

BOARD APPROVED

May 9, 2017

December 14, 2010

Previous Board Approval

ADA Information Provided by Denis Quagliani
Position Description Prepared by Denis Quagliani