



<b>Title:</b>	Electrician/HVA/C
<b>Reports to:</b>	Electrician/HVAC Supervisor
<b>Terms of Employment:</b>	12 months
<b>Salary:</b>	

**Qualifications:**

- Graduation from High School or equivalency, preferably supplemented by vocational training in the electrical and HVA/C field
- Considerable experience in electrical and HVA/C maintenance
- Must have or obtain NC Electrical License within first 90 days of employment
- Valid North Carolina Driver's License

**Supervises:** None

**Essential Job Functions:**

1. Performs skilled and semi-skilled work in the installation, maintenance, and repair of electrical and HVA/C systems
2. Installs fixtures, outlets, and switches, etc.
3. Installs HVA/C equipment
4. Measure, cuts, threads, bends, and installs conduit and pulls wires accordingly
5. Identifies and replaces defective wiring
6. Troubleshoots and replaces faulty electrical components
7. Performs repair tasks on a variety of electrical systems including fuses, breakers, panels, branch circuits, light switches, receptacles, exhaust hood fans, motors and all other electrical system equipment
8. Troubleshoots and repairs faulty thermostats, sensors, wiring and controls
9. Performs maintenance and repairs on a variety of heating, ventilation and air conditioning equipment
10. Operates trencher, bucket trucks, and other specialized equipment
11. Installs, maintains, alters, and repairs wiring, electrical devices, machinery and equipment
12. Installs conduits and wiring necessary for Energy Management controls
13. Maintains equipment and supplies
14. Cleans, lubricates and performs routine service on all types of HVA/C equipment
15. Fabricates and installs piping and duct systems
16. Utilizes recycling and recovery equipment
17. Maintains general knowledge of the regulations and codes pertaining to electrical and HVA/C systems
18. Provides assistance to other crews as needed
19. Responds to after hour emergencies as requested
20. Performs other duties and responsibilities as assigned by supervisor

## **Maintenance Department Physical and Cognitive Requirements**

The major physical and cognitive requirements listed below are applicable to the Electrician / HVA/C job classification within the Maintenance Department of Harnett County Schools.

Work in this classification is considered heavy physical work requiring the exertion of 100 pounds of force occasionally and up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects.

Must be able to:

- walk, lift, reach, stoop, stand, grasp, balance, climb, kneel, and crouch
- work in various inside and outside environments being subjected to weather changes, noise, vibrations, job hazards and atmospheric conditions
- use visual acuity required for depth perception and color perception
- visually inspect small defects and/or small parts
- use a variety of measuring devices
- assemble or fabricate parts at or within arm's length
- operate machines, motor vehicles, hand tools, and job specific equipment and tools
- determine the accuracy and thoroughness of work
- observe general surroundings and activities
- hear sufficiently to accurately perceive information at normally spoken word levels
- use communication by means of spoken word to express or exchange ideas
- safely work in situations of exposure to blood borne pathogens which may require specialized personal protective equipment