



The Röchling Group has been shaping industry. Worldwide. For more than 200 years. We transform the lives of people every day with our customized plastics: they reduce the weight of cars, make medication packaging more secure and improve industrial applications. Our workforce of 11,737 people is located in the places where our customers are – in 92 locations in 25 countries.

In the Industrial division, you will support customers with exceptional know-how in the plastics segment. Our plastics are used in almost every industry worldwide. And yet: Every industry has its own requirements for materials.

Location Dallas, NC

Electrician I

Where we need you

Perform installation and maintenance for industrial electrical systems and equipment. Use appropriate tools and test equipment for diagnostics and repairs.

ESSENTIAL DUTIES AND RESPONSIBILITIES

Other duties may be assigned.

- Maintain regular and reliable attendance.
- Use appropriate tools and test instruments to diagnose, isolate, and correct malfunctions.
- Performs emergency repairs in a timely manner to offset excessive downtime and production delays.
- Perform preventative maintenance functions and work orders as directed.
- Troubleshoot and repair electrical equipment.
- Demonstrate strong working knowledge of AC and DC systems.
- Install and maintain electrical systems throughout the facility to provide power in accordance with NFPA 70 - National Electrical Code.
- Work with voltages of up to 600VAC and 1000VDC.
- Replace conduit, wirings, fuses, and circuit breakers as needed.
- Work with DC motors with voltages up to 500VDC. Must be able to correctly connect various configurations of DC motors including permanent magnet, shunt wound field, and other configurations.
- Apply O's Law for advanced troubleshooting of electrical malfunctions.
- Use appropriate equipment required to perform insulation tests for advanced troubleshooting of electrical motors

and wiring systems – must be able to correctly use a megger with 1000VDC test voltage.

- Must be able to connect three phase motors of various electrical configurations, including wye start delta run, two speed motors, 6 lead motos, 9 lead motors and 12 lead motors, and with voltages that may include 240VAC, 380VAC, 400VAC, 480VAC, 600VAC.
- Must be able to correctly connect and tap transformers, both single phase and three phase, including step and step down, buck boost, wye or delta, and for voltages that may include: 12VAC, 24VAC, 120VAC, 120/208VAC, 240VAC, 380VAC, 380/220VAC, 400VAC, 400/230VAC, 480VAC, 480/277VAC, 600VAC.
- Comply with safety precautions, such as LOTO, when troubleshooting and repairing high-voltage equipment.
- Proceed on assignments with minimum supervision and guidance.
- Any activity that is required to maintain ISO certification.
- Perform other duties as required

How to convince us

QUALIFICATION REQUIREMENTS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE:

- Vocational or high school graduate necessary plus a formal accredited apprenticeship or equivalent trades training required.
- Three or more years related experience in a manufacturing setting and/or training; or equivalent combination of education and experience.

- occasionally exposed to wet and/or humid conditions, toxic or caustic chemicals, and vibrations.
- The noise level in the work environment is usually loud.

LANGUAGE SKILLS:

- Read, analyze, and interpret blueprints, mechanical and electrical schematics, and machine drawings.
- Read, analyze, and interpret technical documents.

MATHEMATICAL SKILLS:

- Ability to apply mathematical operations to such tasks as using Ohm's Law for troubleshooting.

REASONING ABILITY:

- Ability to define problems, collect data, establish facts, and draw valid conclusions.
- Ability to troubleshoot logic such as relays, directional control valves, and automated sequences.

OTHER SKILLS and ABILITIES:

- Organized and able to archive all necessary documents, drawings, and information.
- Eagerness to grow in this position.
- Exceptional interpersonal skills to effectively communicate with employees, colleagues, and supervision.
- Hard-working and driven with the ability to work independently when necessary.
- Ability to work in a team environment where all members are expected to contribute.

PHYSICAL DEMANDS: Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is regularly required to stand.
- The employee is occasionally required to walk; sit; reach with hands and arms; climb or balance; and stoop, kneel, or crouch.
- The employee must occasionally lift and/or move up to 50 pounds.
- Specific vision abilities required by this job include close vision, color vision, peripheral vision, and depth perception.

WORK ENVIRONMENT: The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee regularly works near moving mechanical parts and is * The employee is frequently exposed to extreme heat and risk of electrical shock.
- The employee occasionally works in high, precarious places and in outside weather conditions and is