

Manufacturing Robotics Technician

Description

Cleaning Systems, a member of the National Carwash Solutions family, has grown over the past 50 years to become North America's largest equipment, service, and cleaning solutions provider in the car wash industry!

At National Carwash Solutions, our employees are provided with extensive on-site training, flexibility and ample opportunities for advancement. We offer competitive wages and benefits including comprehensive health, dental and vision coverage, matching 401(k), paid time off and more.

As the **Automation Engineer**, you will be responsible to install, maintain, and troubleshoot site robotics, to provide safe operation with maximum production availability.

Automation Engineer Duties:

- Assists in the construction of robotic equipment, collaborating closely with engineers
- Tests robotic systems to ensure they are working properly before use
- Installs and programs robotic equipment in a manufacturing facility
- Troubleshoot robotic systems, using knowledge of microprocessors, programmable controllers, electronics, circuit analysis, mechanics, sensor or feedback systems, hydraulics, or pneumatics
- Operates the equipment or oversees the operation of robotics equipment
- Analyzes and categorizes events within the equipment
- Works closely with engineers and production team to help achieve a desired output
- Conducts preventative maintenance, such as routine upgrades and inspections
- Repairs robotic machines, systems, and tools as needed
- Disassemble and reassemble robots or peripheral equipment to make repairs; such as replacement of defective circuit boards, sensors, controllers, encoders, and servomotors
- Install, program, or repair programmable controllers, robot controllers, end-of-arm tools, or conveyors

- Align, fit, or assemble component parts using hand tools, power tools, fixtures, templates, or microscopes
- Prepare procedural documents
- Trains others to install, use, and service robots
- Develop robotic path motions to maximize efficiency, safety, and quality.
- Comply with all applicable OSHA, EPA, local regulatory laws, and company safety policies
- Management retains the discretion to add or change the duties of this position at any time

Qualifications:

- High school diploma or equivalent
- Technical School Degree or Associates Degree in a related field; Completion of accredited program
- Professional certification
- Minimum of 3 years of experience troubleshooting robotics; including servos, sensors, control component, PLCs, VFDs, MMI, Service Panels & MCCs sensors/instruments, valves/motors

Physical Requirements:

- Must stoop, bend, reach, walk; perform repetitive motions using hands to grasp, push, pull or do fine manipulations
- Required to stand for prolonged periods
- Intermittently lift medium to heavy weight up to 75 lbs.
- Intermittently required to bend and twist

National Carwash Solutions is a proud equal opportunity employer. We are a drug free, EEO employer committed to a diverse workforce. We will consider all qualified candidates regardless of race, color, national origin, sex age, marital status, personal appearance, sexual orientation, gender identity, family responsibilities, disability, education, political affiliation or veteran status.

Apply at: <https://ncswash.com/car-wash-jobs-careers/>