



Team Member, Maintenance

for Mercedes-Benz U.S. International, Inc.

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Field of activity
Others

Department
**Maintenance & Engineering
Assembly**

Tasks

Mercedes-Benz: Building Exceptional Vehicles... and Careers!

The best chapters in Alabama's automotive success story are yet to come. The Mercedes-Benz automobile of the future will be different; greener, more efficient, safer, and even more fascinating. Only one thing will never change - It will wear a star.

The vehicles we assemble are the finished results of our skilled workforce, and we're hiring even more. We are looking for Specialist and Team Members to join us in crafting a wide variety of vehicles from the Mercedes-Maybach GLS SUV to our all-electric vehicles, the EQS and EQE SUVs. Our Tuscaloosa County site is home to several premium luxury SUV models, including electric vehicles. Just down the road in Bibb County, MBUSI has launched the production of high-performance lithium-ion batteries. Our two campuses are among the most advanced automotive manufacturing facilities in the world, with over 6 million square feet combined.

MBUSI offers an excellent total rewards package including competitive compensation, health and life insurance, matching 401(k) program and defined contribution retirement plan, annual bonuses, tuition assistance, and paid holidays. Further on-site MBUSI resources such as: childcare, medical and fitness center are available for all to utilize.

Our Team Members share a common goal to be the best luxury auto manufacturer in North America. MBUSI is committed to excellence and actively promotes positive team culture, safety, quality, and continuous improvement.

Mercedes-Benz, U.S. International, Inc. takes pride in being an Equal Employment Opportunity workplace. Mercedes-Benz U.S. International, Inc. is committed to equal opportunity regardless of race, age, ethnic origin, and any other characteristics classified under applicable local, state, and federal laws.

All qualified candidates are encouraged to apply for the opportunity to join us in electrifying the future.

Job Overview

This position is responsible to maintain the facilities and equipment at MBUSI in a safe, efficient, and effective manner to ensure the equipment availability meets or exceeds the requirements of MBUSI and the production organization.

Duties and Responsibilities

Operate and maintain line equipment to support production and quality targets and requirements. Participate in continuous improvement activities to improve line safety, efficiency, quality, and cost targets.

Perform all tasks needed to maintain the equipment, irrespective of the discipline (electrical, mechanical, software, hardware, troubleshooting, etc.) including repairs, replacement, troubleshooting, root-cause analysis, etc.

Perform and assist with production training on TPM's and equipment technologies.

Support criticality analysis, FMEA risk analysis, and Preventative Maintenance optimization by participating in workshops, verifying work instructions, and providing feedback. Support the equipment breakdown management process, including escalation and breakdown leader duties as needed.

Perform routine preventive and predictive maintenance tasks, identify and perform corrective work with documentation in CMMS.

Assemble, install, and maintain all utility, conveyor equipment as well as electrical, pneumatic, hydraulic, and industrial processing systems and components in use at MBUSI while ensuring proper documentation.

Support the installation and commissioning of machinery and equipment in the assigned work area by performing any combination of tasks according to specifications while using the necessary equipment. Ensure proper installation techniques and work procedures based on blueprints and drawings.

Maintain and support the maintenance of the machinery in the assigned work area by performing any combination of necessary tasks according to specifications using the necessary equipment. Involve manual backup on production teams when needed.

Examine machinery and equipment to diagnose needed repairs. Replace and/or repair component failures in accordance with documentation using the proper tools (i.e. hoists, cranes, hand tools, power tools, etc.).

Examine the form and texture of parts to detect imperfections. Inspect used parts to determine changes in dimensional specifications using rules, calipers, micrometers, and/or other measuring instruments.

Lubricate and clean parts; Ensure preventative maintenance is undergone on all equipment.

Analyze failures and report with recommended countermeasures; document relevant data in appropriate system.

Determine the type and size of pipe and /or conduit as well as related materials according to job specifications.

Assemble and install a variety of metal and non-metal pipe and pipefittings, including testing piping systems for leaks.

Repair, maintain, and install robots and robotic systems including all application/field equipment utilized in the systems. Operate and program robots in accordance with shop needs.

Debug, repair, and/or replace controls utilized on all conveyor systems including drive controls, motor starters, etc.

Repair malfunctions by replacing defective wiring and or switches. Replace motor and gearboxes, including reconnection of main power wires at motor terminals.

Troubleshoot problems and program a variety of Programmable Logic Controllers (PLC), using appropriate tools/equipment (computers, hand held tools, systems, etc.).

Perform other duties as required.

Rotate shifts per schedule and work weekends based on business needs.

Qualifications

REQUIREMENTS/SKILLS:

Education, Experience and Necessary Skills all must be met in order to qualify for position. Combination (Education/Experience): Two (2) year technical degree from a certified Trade School or Technical College in Industrial Electronics/Electrical fields plus three (3) years of maintenance experience in an industrial manufacturing environment.

OR

Experience with No Degree: A total of seven (7) years of maintenance experience in an automated industrial manufacturing environment.

AND

Necessary Skills, Certifications, etc.: All candidates must successfully pass a STANDARD Maintenance Hands-On Test that involves subjects related to this position. Candidate must be able to work in a multi-skilled environment with maintenance aptitude to learn skilled trades other than their specific area of expertise and be present and able to perform the essential functions of the job.

Preferred Experience in programming and maintenance:

- Experience in maintenance and troubleshooting of closed-loop servo systems.
- Experience in design, installation, maintenance and troubleshooting of sequential processes.
- Experience working with high level programming languages.
- Experience in interfacing controls, processes and feedback devices.
- Experience in Human/Machine interface devices and associated software.
- Experience in installation, maintenance and troubleshooting of AC variable frequency drives.

Experience in the following areas is highly desirable:

- Robot Teaching & Programmer Paths (KUKA or ABB preferred), maintaining tool center point systems, re-mastering axes and end of tool device fabrication, repair/rebuild.
- Strong PLC skills including troubleshooting ladder logic & function block-based systems including programming sequences to control machine operations including Safety PLC systems knowledge, including Network troubleshooting skills.
- Vision systems knowledge as applied to Robotic Applications for path offset or robot guidance (Perceptron, ISRA).
- Robotic Joining systems knowledge, including Spot, Stud, MIG, Riveting & Laser Welding. Includes skills in hardware and software systems (Bosch, Fronius, Emhart/Stanley).
- Strong skills in frequency drives, both troubleshooting, programming & setup (SEW, Allen Bradley, Siemens, Lenze).
- Strong skills in fluid and gluing systems.
- Participate and be an active member of root cause analysis and complete maintenance management systems (CMMS).

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Benefits



Company Retirement



Health Benefits