Technician Trainee Program Job Description

Description:
Tesla is seeking highly motivated Tech Trainees to contribute to ensuring the operational availability of a wide array of manufacturing equipment. This exciting part-time opportunity would allow you to balance your schoolwork with hands-on experience as a part of the Production Engineering team. Tesla is a demanding and fast-paced environment where you will work with the highest caliber of process and equipment.

Roles and Responsibility:
The Tech Trainees will work under the guidance of Maintenance Supervisors and Leads to improve equipment reliability and minimize or eliminate downtime. Excellent attendance is crucial for the team to achieve success. The ideal internship candidate may work with various teams, including engineering, quality, and suppliers across a wide variety of issues/corrective actions identified in production and field performance.

Common Tasks:
• Become familiar with all machines in assigned area and share responsibilities for preventative maintenance, troubleshooting/repair, cleanliness and escalation of assigned equipment.
• Diagnose equipment failures, find root cause and communicate actions taken to the rest of the team.
• Day to day coverage of production line equipment: respond to alarms, breakdowns, and Production requests quickly and efficiently to minimize downtime.
• Collaborate with Process and Equipment engineering and other cross-functional groups.
• Complete tasks as directed by manufacturing schedules and within standard times.
• Maintain a clean and orderly work area.
• Take initiative to improve PM documents and schedules, under the direction of Maintenance Supervisor and Leads. Perform equipment repairs and rebuilds.
• Use of complex tooling that requires specialized training.
• Recommend countermeasures to prevent repetitive breakdowns.
• Organize and maintain a high degree of cleanliness in the maintenance area as well as performing spares inventory audits to ensure accuracy.
• Follow all aspects of Maintenance Safety protocol (LOTO, 5-S, Arc Flash, etc.), to ensure that the maintenance team operates safely at all times.

Required Skills and Experience:
• Tesla Mission Driven.
• Must be currently enrolled at a post-secondary education institution within Nevada.
• Computer skills are strongly preferred (use of Word, Excel & Outlook programs).
• Must demonstrate an ability to perform standardized work process and defined work instructions.
• Must have strong command of the English language, both written and verbal.
• Must be reliable, have good initiative, be committed, and be quality focused.
• Ability to lift up to 50 lbs. as needed.
• Experience creating and maintaining a positive atmosphere in a collaborative work team.
• Ability to read and understand manufacturing instructions.
• Possess a “get it done” attitude and an urgency to resolve problems/tasks.
• Ability to troubleshoot.

The following skills and experiences are a plus:
• Strong propensity to build, assemble, fix and program things.
• Experience with industrial robots (Fanuc, Kuka or similar).
• Ability to troubleshoot automation, conveyance, and electromechanical systems.
• Experience with Allen Bradley PLC.
• Use of common power and hand tools.
• Ability to read and interpret basic mechanical drawings and electrical schematics.