

Automation Machine Builder - Certified Millwright 433A

Job ID: MFS293 (AD)
Job Posted: September 17, 2021
Job Closes: October 25, 2021

Full Time Permanent

Wages: Competitive w/Excellent Benefits

Description

Fabricate, build, assemble, and plumb automated machinery and fixtures. Read and follow engineered drawings and schematics and identify and record errors, changes, and adjustments required to optimize the system, so it is functional, efficient, ergonomic, optimized, safe and esthetically pleasing.

Millwright

Analyze drawings and coordinate with engineering to make changes where improvements can be made to reduce rework and enable an efficient build, increase accuracy, enhance functionality, and make post-installation maintenance easier

Obtain and organize materials required to produce Fabrications

Fabricate parts operating various fabrication equipment including plasma cutter, manual lathe, manual mill, pedestal grinders, MIG Welder, TIG Welder, band saws, hand grinders, drill presses, etc.

Conduct tests of parts to identify defects and ensure parts meet required specifications

Assemble Machines and tooling using approved design packages, build kits, and tooling kits.

Generate solutions to machine build problems and implement

Maintain compliance with health and safety procedures; inform management on unsafe practices or hazards identified; maintain clean and orderly work areas

Attend area whiteboard meetings for planning area activities.

In place of or with the project lead, as directed, attend white board meetings for projects to present progress and plan, understand the status of other disciplines, understand upcoming key milestones and project risk

In place of or with the project lead, as directed, attend, and participate in design reviews to analyze mechanical designs and identify areas of improvement to increase accuracy and efficiency

Implement BOS Standards, identify potential areas of improvement and present them to the Manufacturing Manager.

Plumbing

Review schematics and discuss with engineering potential amendments to improve accuracy, functionality and safety

Collect components reflected on schematics and review with engineering additional components that may be required

Create a layout plan for plumbing while considering efficiency, functionality, future maintenance and appearance

Complete the mounting and plumbing of the system including piping assembly, installing water and hydraulic supply and creating pneumatic plates

Welder

Coordinate with engineering to identify type of welding materials, develop designs for equipment frames and discuss welding requirements for a project

Create framework for projects that are accurate and within tolerances, meet customer specifications, exhibit quality CWB standards and are esthetically pleasing

Complete modifications to existing equipment due to engineering changes

Design and create guarding, internal tables and stands at times without engineered drawings

Requirements

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