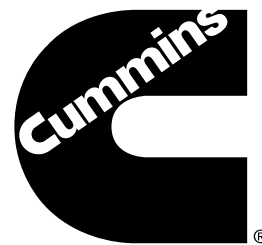


# MANUFACTURING POSITIONS

**POWERING YOUR POTENTIAL**



## **CONTROLS ENGINEERING**

*You'll assist with the development of all aspects of control systems, equipment, and machinery.*

- » Develop and design control systems.
- » Develop and implement bench tests and alter software and equipment to ensure that sensors and actuators are functioning according to specifications.
- » Investigate problems and requirements of projects, and develop plans for solutions in line with economic, personnel, and environmental considerations.

## **SHOP OPERATIONS**

*You'll supervise the daily activities of a production unit or team.*

- » Manage team members, set expectations, and clarify responsibilities.
- » Provide guidance to ensure production targets are met.
- » Work cross functionally to recommend and engage in improving safety, productivity, quality, and efficiency of operations.

## **MANUFACTURING ENGINEERING**

*You'll contribute to the planning, designing, purchasing, and implementation of changes to the manufacturing equipment and systems while contributing to teams.*

- » Apply the knowledge or use of manufacturing principles and practices to improve manufacturing equipment and processes.
- » Assist with the work for projects to create and implement all aspects of a manufacturing process to ensure safety requirements, manufacturing goals, business goals, and product specifications are met.
- » Develop manufacturing standards and working methods by using continuous improvement tools.

## **INDUSTRIAL ENGINEERING**

*You'll assist with the design, improvement and installation of integrated manufacturing, or administrative systems which use people, materials, information, equipment, and energy.*

- » Create standard work methods for new and current production lines.
- » Design safe and efficient work stations for manufacturing environments using plant layout, ergonomic and work station design principles.
- » Work with a variety of key stakeholders on continuous improvement projects.

## MANUFACTURING POSITIONS

### MACHINING ENGINEERING

*You'll assist with the planning, designing and purchasing, and implementation of machining processes and equipment in an industrial plant.*

- » Determine parts and tools needed in order to achieve manufacturing goals, such as setup reduction and changeovers according to product specification.
- » Assist with the design, development, implementation, and analysis of technical products and systems.
- » Work cross-functionally to improve equipment availability and capability by utilizing continuous improvement tools.

### MAINTENANCE ENGINEERING

*You'll assist with planning and executing the preventive, predictive, and condition-based maintenance of production equipment.*

- » Assist line employees in basic maintenance procedures.
- » Work with Facilities, Quality, and Manufacturing Engineering on problem identification, trouble shooting, and equipment issue resolution and repair.
- » Build preventative maintenance processes to ensure equipment is available and capable.

### TEST ENGINEERING

*You'll assist with the designing and implementation of test processes of components or products in a manufacturing environment.*

- » Develop, maintain, and upgrade test equipments and architectures for application products.
- » Analyze test results to provide recommendation and guidance in root cause of test failure events.
- » Demonstrate cross functional knowledge of product engineering, quality, manufacturing engineering, and facilities.

### TOOLING ENGINEERING

*You'll design tools and fixturing to support the manufacturing process.*

- » Design a wide variety of tools and fixturing consistent with standard tool configuration, including cutting, part holding, forming tools, and deburring tools.
- » Oversee tooling technicians to ensure that tools are built in accordance with the intended design.
- » Work with engineering to identify problems with performance or tool life and recommend solutions.

### QUALITY

*You'll have the opportunity to continuously improve Cummins processes using quality tools and skills. You'll work with other functions to find, qualify, and improve suppliers. You'll work with manufacturing to implement and improve manufacturing processes.*

- » Manage suppliers by measuring supplier performance, supplier development, supplier qualification (PPAP), supplier corrective action and improvement processes.
- » Work with other functions on new product introduction activities, both with suppliers and internally (e.g. new plant startup, new product introduction, new supplier transition).
- » Conduct audits/assessments and lead process improvement across the business.

### HEALTH AND SAFETY

*You'll focus on creating a safe and healthy workplace, while raising awareness of situations or behaviors that might lead to injury or illness.*

- » Work collaboratively with leadership, operations, engineering and other functions to create safe and healthy workplaces (shop, office, lab, service and field environments) for employees, contractors and other stakeholders.
- » Apply knowledge of health and safety principles and practices to lead risk reduction activities and initiatives.

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