

Quality Control Inspector Job description

Employer Information

Organization Name: Pegasus Performance

About Our Organization: We are a leading manufacturer and supplier of complex machined parts and assemblies serving industries such as Food Processing, Automotive, Electronics, Industrial, Medical, Oil and Gas. Our facility utilizes some of the most advanced and accurate CNC milling and turning equipment available. Our quality inspection department hosts some of the most accurate test equipment to meet the most extreme demands of today's machine industry. With a calculated focus on lean manufacturing, we manufacture, assemble, finish, and package projects based on our customers' needs. From aluminum and steel to specialty alloys, we manage a diverse product base for integration into a variety of systems for various manufacturers. Our inclusive knowledge in product design and precision machining enables us to provide solutions in manufacturing that exceed expectations and brings value to our customers. The entire Pegasus family is driven to provide the best product possible for our customers. We understand that our customers systems are vital in maintaining their success. We provide one on one customer service and rapid turnarounds in order to ensure their progress. Our dedication to quality, customer satisfaction, and competitive pricing lets us stand apart from the competition.

Job Information 51-9061.00 Inspectors, Testers, Sorters, Samplers, and Weighers

Job Title: Quality Control Inspector

Job Location: Galesburg, IL 61401

Job Description

Job Purpose

Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.

Tasks

- Inspect, test, or measure materials, products, installations, or work for conformance to specifications.
- Measure dimensions of products to verify conformance to specifications, using measuring instruments such as rulers, calipers, gauges, or micrometers.
- Read blueprints, data, manuals, or other materials to determine specifications, inspection and testing procedures, adjustment methods, certification processes, formulas, or measuring instruments required.
- Record inspection or test data, such as weights, temperatures, grades, or moisture content, and quantities inspected or graded.
- Mark items with details such as grade or acceptance-rejection status.
- Notify supervisors or other personnel of production problems.
- Discard or reject products, materials, or equipment not meeting specifications.
- Collect or select samples for testing or for use as models.
- Write test or inspection reports describing results, recommendations, or needed repairs.
- Compare colors, shapes, textures, or grades of products or materials with color charts, templates, or samples to verify conformance to standards.
- Recommend necessary corrective actions, based on inspection results.

Work Context

Requires standing, Requires walking and running, Requires using hands to handle, control, or feel objects, tools or controls, Requires repetitive movement, Requires contact with others (face-to-face, by telephone, or otherwise), Requires face-to-face discussions with individuals or teams, Requires telephone conversations, Requires use of electronic mail, Mistakes are not easily correctable and have serious consequences, Opportunity to make decisions without supervision, Requires making decisions that affect other people, the financial resources, and/or the image and reputation of the organization, Requires

making decisions that impact the results of co-workers, clients or the company, Requires repeating the same physical activities or mental activities over and over, Requires being exact or highly accurate, Freedom to determine tasks, priorities, and goals, Job pace is determined by the speed of equipment or machinery, Requires meeting strict deadlines, Requires work with others in a group or team, Requires coordinating or leading others in accomplishing work activities, Includes responsibility for the health and safety of others, Includes responsibility for work outcomes and results, Requires wearing common protective or safety equipment, Job tasks are performed in close physical proximity to other people, Requires working indoors in non-controlled environmental conditions , Requires working indoors in environmentally controlled conditions

Work Activities

Handling and Moving Objects

Inspecting Equipment, Structures, or Material

Evaluating Information to Determine Compliance with Standards

Judging the Qualities of Things, Services, or People

Organizing, Planning, and Prioritizing Work

Establishing and Maintaining Interpersonal Relationships

Documenting/Recording Information

Performing General Physical Activities

Communicating with Supervisors, Peers, or Subordinates

Updating and Using Relevant Knowledge

Identifying Objects, Actions, and Events

Processing Information

Monitor Processes, Materials, or Surroundings

Making Decisions and Solving Problems

Getting Information

Interacting With Computers

Estimating the Quantifiable Characteristics of Products, Events, or Information

recognize wood species characteristics

use spreadsheet software

use knowledge of metric system

grade, classify, or sort products according to specifications

measure, weigh, or count products or materials

understand measuring devices

use technical information in manufacturing or industrial activities

distinguish colors

read blueprints

understand technical operating, service or repair manuals

compute product or materials test results

collect samples for testing

conduct performance testing

recognize characteristics of metals

sort manufacturing materials or products

compare findings with specifications to ensure conformance to standards

attach or mark identification onto products or containers

use hazardous materials information

use computers to enter, access or retrieve data

inspect manufactured products or materials

monitor repairs or maintenance to enforce standards

fabricate, assemble, or disassemble manufactured products by hand

understand engineering data or reports

maintain safe work environment

package goods for shipment or storage

read production layouts

read technical drawings
use knowledge of investigation techniques
use x-ray or magnetic inspection techniques
examine products or work to verify conformance to specifications
record test results, test procedures, or inspection data
mark items for acceptance or rejection, according to conformance to specifications
use quality assurance techniques
read specifications
use long or short term production planning techniques
perform safety inspections in industrial, manufacturing or repair setting
move materials or goods between work areas
recognize characteristics of pulps
recognize characteristics of alloys
monitor production machinery/equipment operation to detect problems
load, unload, or stack containers, materials, or products
use research methodology procedures within manufacturing or commerce
maintain consistent production quality
follow manufacturing methods or techniques
follow statistical process control procedures
use interpersonal communication techniques
use oral or written communication techniques
read work order, instructions, formulas, or processing charts

Qualifications

Education and Experience

Years of Experience: 5 yrs related experi

Education: High School/G.E.D

Degree or Formal Training: 2 yrs education (Vocational, 2 yr certificate or Associates)

Skills

Basic Skills

Active Learning

Understanding the implications of new information for both current and future problem-solving and decision-making.

Active Listening

Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

Critical Thinking

Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Mathematics

Using mathematics to solve problems.

Monitoring

Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.

Reading Comprehension

Understanding written sentences and paragraphs in work related documents.

Science

Using scientific rules and methods to solve problems.

Speaking

Talking to others to convey information effectively.

Writing

Communicating effectively in writing as appropriate for the needs of the audience.

Social Skills

Coordination

Adjusting actions in relation to others' actions.

Service Orientation

Actively looking for ways to help people.

Social Perceptiveness

Being aware of others' reactions and understanding why they react as they do.

Complex Problem Solving Skills

Complex Problem Solving

Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

Technical Skills

Equipment Maintenance

Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.

Equipment Selection

Determining the kind of tools and equipment needed to do a job.

Operation Monitoring

Watching gauges, dials, or other indicators to make sure a machine is working properly.

Operation and Control

Controlling operations of equipment or systems.

Quality Control Analysis

Conducting tests and inspections of products, services, or processes to evaluate quality or performance.

Repairing

Repairing machines or systems using the needed tools.

Troubleshooting

Determining causes of operating errors and deciding what to do about it.

Systems Skills

Judgment and Decision Making

Considering the relative costs and benefits of potential actions to choose the most appropriate one.

Systems Analysis

Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.

Resource Management Skills

Time Management

Managing one's own time and the time of others.

Desktop Computer Skills

Spreadsheets

Using a computer application to enter, manipulate, and format text and numerical data; insert, delete, and manipulate cells, rows, and columns; and create and save worksheets, charts, and graphs.

Internet

Navigating the Internet to find information, including the ability to open and configure standard browsers; use searches, hypertext references, and transfer protocols; and send and retrieve electronic mail (e-mail).

Navigation

Using scroll bars, a mouse, and dialog boxes to work within the computer's operating system. Being able to access and switch between applications and files of interest.

Word Processing

Using a computer application to type text, insert pictures, format, edit, print, save, and retrieve word processing documents

Databases

Using a computer application to manage large amounts of information, including creating and editing simple databases, inputting data, retrieving specific records, and creating reports to communicate the information.

Knowledge

Required:

English Language

Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.

Mathematics

Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.

Production and Processing

Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.

Tools

Accelerometers

Accelerometers

Piezoelectric acceleration instruments

Null-balance acceleration instruments

Magnetic induction acceleration instruments

Capacitive acceleration instruments

Calibrated resistance measuring equipment

Resistance meters

Digital resistance meters

Resistivity meters

Gauges or inspection fixtures

Functional gauges

Optical gauges

Pin gauges

Plug gauges

Integrated circuit testers

Backplane testers

Printed circuit board PCB testers

In-circuit testers

Manufacturing defect analyzers MDA
Logic test systems

Leak testing equipment
Bubble leak testers
Mass flow leak testers
Calorimetric leak testers

Technology

Spreadsheet software
Microsoft Excel