BHABENDRA N. SARKER
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Position applied for: Looking for a position as a Dimensional Inspector/Quality Inspector/Quality Tech

Work Experience:

Inspector (100% inspection) - Greatbatch Medical Company

(May 2011-Present)

- Measuring normal height, notch height and window height of Gyros using digital indicator
- Measuring the thickness of cover header with micrometer
- Measuring diameter and radius of the hole, length, width and true position of the small battery cover with smartscope
- Setting up optical comparator and checking profile for reamer cup parts
- Measuring profile, hole diameter, radius and length of the large (Titanium) battery case cover using smartscope.
- Verifying thickness of the battery case using digital indicator and micrometer.
- Measuring thickness of the cigarette case and battery case using vernier caliper after 100% inspection
- Performing inspection and evaluation of different kinds of Aerospace and Medical device components to ensure compliance with specifications

Work experience from the job training at Greatbatch from M-Powered Program

Receiving inspection:

(Feb.2013-May, 2013)

- Monitoring and evaluate receiving practices and procedures
- Determining type, size and quality of the materials received
- Measuring length, height, width and diameter of the raw materials using various measuring instruments.
- Generating nonconformance reports and identifying discrepancies

In Process inspection:

- Measuring titanium battery case cover from edge to edge, edge to center of the hole, radius and diameter of the hole using telescoping microscope.
- Measuring parts profile, radius, diameter, length, width and true position using smartscope.
- Verifying calibration of hand-hold inspection devices against known standards
- Checking SPC data/charting for acceptance using statistical software
- Measuring counter bore depth, chamfer, inside diameter, outside diameter and angle
- Collecting data from the battery case for statistical process control

Knowledge and practical experience from M-Powered program:

Quality Control and Assurance Level-2

(May, 2012-Dec.2012)

- Collecting data, making diagram and analyze for the pareto chart analysis using excels software Constructing dot plot with the data set and making frequency table
- Measuring diameter of the circle, round slot, center distance between circles and angle using CMM(PC-DIMS software)
- Measuring diameter, length, width using optical comparator
- Determining mean, median, range and standard deviation from the sample and analyze variability using excel software
- Constructing control chart with the data set and analyze the chart
- Studying R &R and SPC with a group using statistical software

Manufacturing fundamentals Level-1:

- Practicing shop mathematics and shop safety in the class room and machine shop
- Practicing "Blue print reading" and metallurgy in the class room
- Measuring length, width, inside/outside diameter, angles, and profiles and so on using a variety of precision measuring tools in the quality lab.
- Practicing metalworking in the machine shop and preparing for NIMS test

Manufacturing Associate II- Donatelle Plastics Inc.

(December, 2002- July, 2010)

- Inspecting and documenting measurements using a variety of precision measuring tools (In process inspection)
- Inspecting white room molding parts and clean room parts to ensure compliance with dimensional requirements of the finished product
- Checking for visual and dimensional defects in the molding parts
- Verifying that parts are being produced and used by the production meet print specification dimensionally and visually
- Performing inspection of the medical device components in the ADO department.

Computer Knowledge:

Software- Microsoft word, Excels, DOS, Dbase and Statistical

Programming language – "C", and Fortran

Education:

-Bachelor of Science in Mechanical Engineering from Dhaka University of Engineering and Technology, Bangladesh (U.S equivalency: Bachelor's degree in Mechanical Engineering)

Training:

-M-Powered from Greatbatch (Specialized in Quality control Process) May, 2012-Dec.2012

- Advanced Concepts of GD &T (Based on ASME Y14.5M- 1994) July, 2013

-OGP MeasureMind 3D (Latest advanced software for Smartscope) August, 2013

Certification:

- National Institute of Metalworking skills (NIMS) for Measurement, Materials and Safety

- Certified Quality Inspector (CQI) from American Society for Quality

-Certified Quality Technician (CQT) from American Society for Quality

- Course working for Certified Quality Engineer from ASQ

Thesis:

Designed and constructed a centrifugal fan for high head and low discharge

Activities:

Associate member of "The American Society for Quality" USA.

Reference:

Available upon request