

Rogelio Martinez Jr.

Objective:

To obtain a position that will allow me to utilize my current skills, as well as learn new skills and advance in the organization.

Experience:

12/2018 – 05/2019

Woodward Inc.

Fort Collins, CO.

CNC Machinist II – CNC Lathe Set Up Operator / 4&5 Axis Machining Center Operator

- Main responsibilities included running machining centers, changing & offsetting tools, quality inspection.
- Responsible for operation of Makino A71 4-Axis CNC Machining Horizontal Center with Pro-6 controls.
- Operation of two Makino D-500 5-Axis Vertical Machining Centers with Pro-6 controls.
- Set-Up and Operation of Okuma LB 3000 EX II Space Turn Lathe.
- Identifying the proper tooling needed for certain features, and changing the tools/inserts when needed.
- Offsetting tools according to wear, to be able to uphold Blueprint specifications.
- Blueprint reading and knowledge and use of GD&T.
- Use of Mitutoyo SJ-210 Profilometer for testing roughness and Surface Finish.
- Use of thread gauges, Bore Micrometers, Vermont Go/No-Go Gauges.
- Use of Mitutoyo Micrometers, Depth Mics, SPI Intertest Dial Caliper Bore Gauges,
- Operation and occasional calibration of Zoller Smile 400 Tool Presetter.
- Use of Starrett HDV400 Horizontal Digital Video Comparator System.
- Operation of Hexagon Global Coordinate Measuring Machine to inspect quality of parts machined.
- Maintaining proper oil and coolant levels on the machining centers, as well as routine maintenance.
- Upholding 6 Sigma Standards for the machining and organizational process
- Responsible for upholding AS9100 Quality Standards as well as ISO9001 Quality Standards.

02/2018 – 11/2018

John Crane Inc.

Morton Grove, IL.

CNC Machinist II – CNC Lathe Set Up Operator

- Responsible for setting up and running Okuma LB4000 EX/EX II Space Turn Lathes.
- Reading and interpreting of blueprints and programs.
- Checking paperwork to make sure the material, program and blueprints all coincide.
- Editing programs when needed to make sure the material is cut properly and to blue print specifications.
- Uploading programs once they are edited.
- Ensuring the machine is set with the correct parameters during set up.
- Placing the proper size and style of tools in the machine during set up.
- Finding the correct tooling to make sure the raw material is held properly in the machine.
- Adjusting the tooling offsets to make the part to blueprint specifications.
- Inspect machined parts 100% before allowing them to go to the next operation on a CMM Machine.
- Program the CMM Machine when there was no designated program for a part.
- Maintaining proper coolant, chuck grease and oil levels daily.
- Record keeping of set up, run, and downtime for the shift.
- Maintain the 5S Standardized method of organization to help make work flow as efficient as possible, daily.

04/2017 – 12/2017

Louis Meskan Aluminum & Brass Foundry

Chicago, IL.

CNC Machine Operator

- Operation of Haas VF-2 Milling Center
- Operation of Haas VF-3 Milling Center
- Operation of Haas VF-2 SS Mill
- Operation of Haas SL-20 Lathe
- Operation of Hwacheon Hi-Eco 21 HS Lathe
- Operation of Hwacheon Hi-Eco 31 Lathe
- Operation of Brother TC-32B CNC Tapping Center
- Use of Height Gages, Dial Calipers, Digital Calipers, Micrometers, Thread Gauges,
- Make tooling offsets when needed to maintain Blueprint Specifications.
- Report production and downtime.
- Maintenance of proper coolant and oil levels.

07/2016 – 04/2017

GKN Walterscheid Inc.

Woodridge, IL.

CNC Machine Operator / Set Up Operator

- Operation and Set up of Mazak Quick Turn Smart 200 Lathe
- Operation and Set Up of Mazak Quick Turn Nexus 200-II Lathe
- Operation and Set Up of Okuma LB25 Lathe
- Operation of Mazak VC Smart 350C Mill
- Operation of Mazak Nexus 510C-II Mill
- 1st Piece Inspections made on all parts using measuring tools, to Blueprint specifications.
- Reading and understanding of Blueprints.
- Converting Metric measurements to Standard measurements.
- Use of Digital Calipers and Micrometers, Height Gages, Pistol Grip Bore Gauges, I.D. Calipers
- Loading programs onto the NC, and transfer of Programs when Program is not found.
- Tool Changes made when needed. Tools were to be measured and Tool Data must be entered.
- Made necessary Tool Wear Offsets and Insert Changes while running parts.
- During a Set Up, I was to find the appropriate Jaws and Blocks for part to run correctly.
- Made sure all the correct Tools were in place. (Right Handed vs. Left Handed, Proper Sized Drill, etc.)
- Made sure Z Offset was correct, Tool Offsets were correct and Program was correct, before running parts.
- Daily Maintenance of Machine and Daily 5S Check.
- Maintaining proper Coolant and Oil Levels on Machines

02/2016 – 07/2016

Schmid Tool & Engineering

Villa Park, IL.

Machinist I - CNC Mill Operator

- Responsible for operating a Brother TC- R2B CNC Tapping center.
- Responsible for maintaining Parallelism tolerances of .0015 and entering offsets into machine.
- Use of Mitutoyo QM Height Gages, Depth Gages, Go-No Go Gages, Digital Calipers and Micrometers.
- Adjusting offsets on CNC to stay within tolerance. Maintain acceptable Surface Finish.
- Tool changes made are documented and reported to the Leadman, if not done by the Leadman.
- Reporting any downtime on paperwork as well as pieces per hour, or if there is scrap.
- Deburring and reaming pieces.
- Cleaning my work space and machine daily, adding coolant when needed, and changing the filters weekly.

03/2015 – 02/2016

LBP Mfg. Inc.

Chicago, IL.

Machine Feeder/ Palletizer

- Open and inspect all pallets of material for any defects or hazards.
- Check the load tags and fill out paper work for each shift, reporting any damaged material.
- Break or manipulate the paper if necessary, before feeding it into the formers.
- Dispose of any waste properly, and notify an operator when there is a change in product being ran.
- Make sure the former machine is clean and free of debris or waste.
- Ensure that materials that are to be packaged are not damaged.
- Place correct amount of product in corresponding boxes.
- Check shipping labels for details, place correct shipping labels on the corresponding box.
- Stacking of multiple boxes of product onto multiple pallets at once while taping and labeling.

03/2013 – 11/2013

GE Oil & Gas

Houston, TX.

TC Technician/Meter Assembly/Leak Tester

- Accurately calibrate Temperature Compensated Dials for Gas Meters in varying temperature baths.
- Assembly of small, Low Flow Gas Meters, and Final Assembly in the larger 2/3/5/7M sized Meters.
- Follow specific blueprint instructions for the assembly of certain types of meters.
- Use of power tools to assemble gas meters.
- Certified in Leak Testing meters for gas leaks by checking for air bubbles while submerged in water.
- Pack finished Gas Meters into boxes and onto pallets, so they could be shipped.

Education:

08/2015 – 11/2015

Arturo Velazquez West Side Technical Institute

Chicago, IL.

- Manufacturing Works Program of Instituto Del Progreso Latino
- Certified in CNC Milling and Turning Operations through NIMS
- Certified in Safety and Quality training through MSSC

01/2014 – 03/2015

Harold Washington College

Chicago, IL.

- Majored in Music Performance
- Majored in Biological Science

2007-2011

Thomas Kelly High School

Chicago, IL.

- IB/ Honors Program
- Marching Band/Drum line Section Leader/Concert Band/CPS All-City HS Concert Band

Certifications:

- NIMS CNC Milling Operator : 2015
- NIMS CNC Turning Operator : 2015
- MSSC Safety Certification : 2015
- MSSC Quality Practices and Measurements : 2015
- GE Oil & Gas Leak Tester : 2013

