

Niño Mangubat

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SUMMARY OF QUALIFICATION

12 years of experience in a Watch Manufacturing Operations, Maintenance, Technician and Engineering this includes handling of different machines and tools such as Tigemaster Machine for watch crown and stem screwing assembly, Wheels and Pinion Assembly Automation Machine, Coil Winding Machine, Horia Block with embedded pneumatics set-up structure use for manual driving assembly of wheels and pinion, Schmidt Toggle Press, Hand Driving Tool Manual and Automation, Welding Machine for Assemble lens to bezel, Plunger Tools Fully/Semi Automated Setup, Pick and Place Machine watch parts assembly and etc. and not limited to design concept, layout, set-up, repair, installation and machining of equipment and parts that undergo adjustment and refabricating using CNC, Lathe, Milling, Drilling, Grinding, Welding operations. Proper handling and use of testing equipment and gauges such as analog tester, digital multimeter, oscilloscope, vernier caliper, digital caliper, micrometer, thread gauge, feeler gauge, bore gauge. Proper handling and use of electrical, hand tools, power tools, and pneumatic tools were applied and being performed during the process of my routine work.

- Machine Risk and Safety
- 5'S and 3'S
- Kaizen (Cont. Improvement)
- Technical Writing / Reports
- Horizontal Application
- Microscopic Inspection
- 2D and 3D Designing
- SPC Control
- Defect Analysis
- Yield improvement
- Work Ergonomics
- Fabrication Skills

WORK EXPERIENCE

Tool Designer

TMX Philippines Incorporated

October 1, 2018 – Present

4 Years & 4 Months

Summary of Responsibility

- Designed PCB partial assembly tools , machine fixtures and parts.
- Designed of tools and machines, 2D and 3D rendering of part and assembly using Solid Edge and AutoCAD.
- Designing of jigs and fixtures use in assembly processes.
- Designing of specialize machine use in assembly line process.
- Designing of control box , with proper placement and use of electrical and electronic parts inside the control box and harnessing of wires with the use of wire trunking and connecting to appropriate connectors.

Process Technician

TMX Philippines Incorporated

April 1, 2012 – September 30, 2018

6 years & 5 Months

Summary of Responsibility

- Monitoring of production lines, machines, and processes.
- Tools set-up machine troubleshooting, checking and testing of product quality.
- Analyze and make data about the problem along the process at the production line.
- Make reports regarding the performance of machines and tools production line.

Equipment Technician
TMX Philippines Incorporated

April 1, 2011 – March 31, 2012
1 year

Summary of Responsibility

- Conduct machines and tools periodic preventive maintenance schedule (PM activities).
- New machine set-up and debugging machine repair and troubleshooting use in the production line.
- Automation machine programming using PLC Siemens LOGO.

Electronics Technician 1
TMX Philippines Incorporated

December 1, 2008 – March 31, 2011
3 Months

Summary of Responsibility

- Tools and machine set-up, perform periodic preventive maintenance schedule of the machines.
- Machine repair and troubleshooting using proper tools.
- Perform electrical and electronics repair and troubleshooting.
- Mechanical parts reworks and modifications

EDUCATION

- **Center for Industrial Technology and Enterprise (CITE)** **2009**
Electromechanical Technology Cebu City, Philippines

SKILLS

- Machines and tools set-up, commissioning and up time.
- Analytical Troubleshooting and repair of machines and tools.
- Intermediate electronics and electrical troubleshooting, repair and rebuild.
- Electronics components mounting and soldering.
- CAD designing 2D and 3D using CAD software (Solid Edge ,AutoCAD).
- Basic electrical and building wiring.
- Basic and advance pneumatic and electropneumatic set up, troubleshooting, repair and rebuild.
- Basic and intermediate PLC programming and wiring of inputs and outputs (Siemens, Mitsubishi).
- Conventional set-up and machining (drilling machine, lathe machine, milling machine, pedestal grinder, shearing, metal bending).
- CNC Router table programming, preparation, setup and machining using Stepcraft D300.
- 2D and 3D rendering and drafting using Solid Edge and AutoCAD.
- Basic Photo editing and poster making using adobe photoshop.
- Intermediate english language communication

TRAINING, SEMINAR and CERTIFICATION

- **Computerized Electrical Test Training** *November 20 – 22 , 2017, TMX Philippines Inc.*
- **Metrology Training** *October 2 – 4 , 2017, TMX Philippines Inc.*
- **MS Excel Training** *September 19 – 21 , 2017 , TMX Philippines Inc.*
- **Basic PLC: Software (Siemens LOGO)** *March 14 – 18, 2016, TMX Philippines Inc.*
- **Basic PLC: Hardware (Siemens LOGO)** *March 7 – 11, 2016, TMX Philippines Inc.*
- **Electroplating Process and Electroforming Seminar** *October 22 – 24, 2014, TMX Philippines Inc.*
- **Echo Session On Water Challenge Forum** *June 20, 2014 , TMX Philippines, Inc.*
- **Screen Printing Technology** *March 14, 2014, TMX Philippines Inc.*
- **PCB X-ray Machine Orientation** *August 9, 2013, TMX Philippines Inc.*
- **SPC 2 (Statistical Process Control)** *September 12 – 13, 2012, TMX Philippines Inc.*
- **Electrostatic Discharge Seminar** *July 25 – 27, 2012, NEXUS Ind. Primary Sol.*
- **MSA (Measurement System Analysis) Training** *July 2 – 3, 2012, TMX Philippines Inc.*

ADDITIONAL INFORMATION

- **Passpoert No.: P0475959B**
Issued by: DFA Cebu
Expiration: January 29, 2029

REFERENCES

- **Teresito B. Rabaya**
Tool and Process Development Engineer
TMX Philippines Incorporated
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