



# RYAN P. POLVORIDO

Skilled with 17 years of experience and dedicated work Ethic with Technical Engineering knowledge specialize in Materials Engineering, Improving Production, Ability to design for manufacturability and implement quality standards.

## EXPERIENCE:

### OPERATION ANALYST

**CORELEX, SANEI LTD. PAPER TOKYO, JAPAN** (*Manufacturing company of Recycled Tissue paper*)

*August 2016- February 2023*

- Operate Machines such as Paper winding machine, Paper milling or making machine, Compression tester & Tensile tester.
- Worked as a Production Line in-charge.
- Troubleshoot process control problems, identify causes, and make recommendations for improvements.
- To ensure that calibration of all production machines or support system is performed as per approved calibration plan.
- Constantly maintain safety precautions and procedures and maintain a safe and orderly work area.
- Develop and improve instrumentation techniques to support existing and proposed manufacturing processes.
- Materials Inspection and Certification approvals for production in standard quality.
- Conducting toolbox talks on safety, production, quality & cost.

### HEAT TREATMENT SUPERVISOR

**AICHI FORGING COMPANY OF ASIA, LAGUNA PHILIPPINES** (*Manufacturing company of Forging Car engine Transmission & Parts*)

*November 2008- June 2016*

- Operates & oversee Continuous Furnace, Batch Furnace, Rockwell Hardness Tester, Brinell Hardness Tester & Pyrometer /Thermometer checking.
- Shift Management & controlling the manpower and operations as per Planning.
- Prepare monthly Report Productivity, Quality& Safety (Plans, Targets & Achievements).
- Testing, evaluating, modifying, and calibrating products and instruments.
- Review of control, and monitor all activities related to Heat Treatment section.
- Conduct Internal & External Audits.
- Perform Machine Preventive Maintenance.
- Perform Machine improvement in line with companies cost reduction activity.
- Responsible for Heat Treatment process of Carbon Steels in a Controlled Heating Environment.
- Generate Working Instruction Process for the entire Heat Treatment section.
- Responsible for Destructive & Non-Destructive Forge Steel.
- Production Inspection using X-rays. Metallography & Grain Flow detection.
- Implementing quality systems such as 5-S & kaizen etc. & to reduce rejection target zero defect products. To improve process efficiency and increase production rate.

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📍 Dubai, UAE

## SKILLS:

- Microstructural Analysis
- Machine & Tester Calibration
- Machine Maintenance
- Development of Kaizen & 5S.
- Good Manufacturing Practice (GMP)
- Hardness Test Measurement
- Production Planning
- Production Engineering
- Process Control
- Quality improvement
- 2D, 3D AutoCAD.
- Heat Treatment
- Manpower Management
- Knowledge in MPT Analysis
- Knowledge in Destructive & Non-Destructive Testing.

## CERTIFICATES:

- **Power Technical Training Dubai, UAE**  
*2D/3D AutoCAD, April-June 2023.*
- **Department of Science & Tech. Phils.**  
*Root Cause Analysis, October 2012*
- **Aichi Forging Co. of ASIA, Philippines.**  
*Internal Quality System Audit Training Program, May 2011*
- **The Philippine National Red Cross**  
*First Aid Training, Sept 2011*
- **Philippine Precision Technology, INC**  
*Heat Treatment on Tools Steels, May2010.*

## PERSONAL INFORMATION

- Nationality: Filipino
- Marital Status: Married
- Birth Date: January 7, 1984
- License: UAE Driving License

## PROCESS ENGINEER

**MME TECHNOLOGY PHILIPPINES, LAGUNA PHILIPPINES** (*Chip Mounting or Surface Mounting Assembly for Computer Parts, Car Stereo or Electronic devices*)  
*May 2006- October 2008*

- Chip Mounting Inspection using AOI & Microscope.
- In charge in Chip Mounting Process Line, Curing Assembled or Mounted Chips
- Product processing in a controlled Environment such as IC's during Mounting Process (BGA & PGA Types).
- Responsible in Inspection line tools making.
- Operates solder paste printing.
- Operates reflow oven /soldering.
- Held Responsible in Printed Circuit Board Assembly for Computer, Car Stereo & other devices w/ PCB assembled.
- Carry out FMEAs (Failure Mode Effects Analysis), process documentation and implement improvements.

## EDUCATION:

University of Saint La Salle, Bacolod Negros Occidental, Philippines  
*Bachelor of Science in Materials Engineering, 2001- 2006*

*I hereby declare that the information given above and in the enclosed documents is true to the best of my knowledge.*

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