

Aaron Nathanael G. Poblete

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PROFILE

As an experienced Production Maintenance Engineer in semiconductor Industry, it has been my goal to provide the best solutions for machine breakdown problems, continuous improvements, machine setups & quality related issues without compromising my integrity as a process maintenance engineer. My years being in this industry helped me to improve more in my craft and has given me the capacity to help others as well as sharing what I have learned. The knowledge that I have gained and is continuously gaining has provided me the medium to showcase my ability as a Maintenance Engineer in the industry.

KEY EXPERIENCE

- Lead the Preventive maintenance, Set-up & Continuous Improvement group for process specialized in Test & Tape to reel machine, tape to tape machine, tray to tape machine & bowl to tape machine.
Machine Types: **Ueno Seiki LT-32DOC, ASM FT2026, COHU ISMECA NY32 & NY20, TT-300 & ROHM Inhouse Machines.**
- Evaluate Vision and Handler for test & tape machine, ensure all vision inspection parameters are within standard dimensions.
- Skills & Knowledge on different vision inspections (**UNICON & Nvcore**)
- Heavily involve during Overall Equipment Effectiveness (OEE) activities.
- Operate newly set-up tape & reel machine prior to mass production.
- Provide report for abnormalities & customer claims using Root cause Analysis, Six Sigma, 8D, PDCA approach.
- Maintain smooth test handler operation prior to mass production.
- Lead the maintenance support team for machine improvements to reduce defects of the specific Integrated Circuits (**QFN, VQFN, QFP, SSOP, SOP, TSSOP etc**).
- Have been involved in Implementation of BMS for Air Handling Units, Fan Coil Unit, Chillers, Cooling towers, Pumps, Fans & Blowers, LVSG & HVSG etc. (**Danfoss, Siemens, LG, Mitsubishi, Daikin, Koppel etc.**)
- Have been heavily involved Start to End testing and commissioning reporting & documentation of mechanical equipment for BMS.

AWARDS

- **2022 SGA AWARDEE** – Provision of polarized lens for HTSSOP-B24 packages yield up activity, 3rd Place.
- **2023 SGA AWARDEE** – Elimination of shorted lead claim for VQ20FV35AW packages, 3rd Place.
- **2023 RPS AWARDEE** – Elimination of float leads claim for HTSSOP-B28 packages, Citation award
- **2023 RPS AWARDEE** - Implementation of Passable/Non-passable function for UENO machines, 2nd Place

CERTIFICATES & TRAININGS

- Basic Structured Cabling System, *April 2018, Net Pacific Academy*
- CYLON ASPECT & CYLON BACnet SYSTEM ENGINEERING, *June 2018, CYLON*
- Sensor Basic Training Course, *August 2020, KEYENCE*
- POKA-YOKE (error proofing) for Engineers, *December 2020, REPI Academy*
- 7 QC TOOLS, *June 2022, REPI Academy*
- Lean Six Sigma Yellow Belt, *July 2022, REPI Academy*
- Certified Plant Mechanic, *August 2022 Licensure examination, Professional Regulation Commission*

QUALIFICATIONS, SKILLS, AND COMPETENCIES

Technical Skills and Proficiency

- Proficient in use of Machine centralized system (CMMS) and other process innovation tools such as Microsoft Office, Sketch Up, AutoCAD, SolidWorks Etc.
- Data & Problem-solving skill thru SIX SIGMA, 7 QC TOOLS, 5W1H ANALYSIS, 4M ANALYSIS, SPC, FMEA, PDCA prior for OEE, machine improvement & customer claim investigation.
- Investigate and Simulate customer claims at machine to easily identify root causes.
- Utilizes the use of CMMS for Analysis and better data prior to maintenance report.
- Prepare progress report of all machine set-up & improvement status.

Communication, Soft Skills, Abilities and Competencies

- Proficient in verbal and written communication skills
- Dependable and can work with minimal supervision.
- Excellent team management, project management, and leadership skills.
- Excellent collaboration skills and good team player.
- Able to thrive in a pressured environment.
- Excellent time management and commitment to work to tight deadlines.
- Able to adapt with different circumstances and work effectively with a variety of cultures and personality.
- Strong sense of accountability and decision-making
- Strong analytical capabilities and problem-solving skills
- Strive for continues personal and professional development through continuing education and experience.

PROFESSIONAL EXPERIENCE AND INDUSTRY EXPOSURE

ROHM ELECTRONICS PHILIPPINES INC, Carmona, Cavite

Production Maintenance Assistant Engineer 1 – June 2020 to Present

- Lead the Final Process for Machine Set-up and Improvements.
- Prepare and update the annual plan for Final Process.
- Conduct Preventive Maintenance and Corrective Maintenance of Final Process machines.
- Collaborate with Field Service Engineers during Machine Set-up & Improvements
- Conduct vision Repeatability test & calibration to ensure reliable measurements of machines.
- Implement continuous improvements and Ideas for Tape & Reel Process.
- Conduct OEE and KPI Analysis of all Tape & Reel Machines.
- Support Customer Claim machine simulations & investigations.
- Analyze Root cause by using PDCA, 8D, 5W1H, Fishbone diagram & FMEA.

NET PACIFIC INC, Makati City, Metro Manila

Project In-Charge – February 2018 to January 2020

- Provide target installation schedule of BMS auxiliary.
- Coordinate to General Contractor / Construction Consultant for BMS completion.
- Quality Check all installed auxiliary for BMS.
- Conduct testing and commissioning of all Mechanical Equipment connected to BMS.
- Provide Manual & Training for Siemens BMS operation and monitoring.
- Responsible in documenting faulty findings and coordinating such to the BMS programmers and Project Team Leader for immediate resolution.
- Assist in deployment of updates in the client's server and responsible for taking notes of the activity reports.
- Responsible in responding to client's requests for the system enhancements

EDUCATION

Tertiary

Bachelor of Science in Mechanical Engineering, University of Luzon – 2013 to 2017

Secondary

Saint Rose Catholic School, Tarlac City (June 2010- March 2013)

REFERENCE

AVAILABLE UPON REQUEST

I HEREBY CERTIFY that the above information is true and correct to the best of my knowledge and belief.


Aaron Nathanael G. Poblete