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**Domingo Belmi Mercado**

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**Profile**

A Mechanical Engineering graduate with over 21 years of experience in electronics and semiconductor industry. Expert in Die-attach and Wire Bonding process and equipment. Specialized in mechanical drawing and design using Pro-Engineering CAD software.Strengths in Team Leadership, Project Management, Productivity Enhancement and Process Automation. Experienced in Total Productive Maintenance, Lean Manufacturing and Six Sigma.

**Professional Experience**

**Executive Engineer** Sept 18, 2017 to Present

Amertron Incorporated – Paranaque City

A global leading provider of tailored contract manufacturing services to the semiconductor and optoelectronic industry in Southeast Asia and globally.

**-** Key player in the implementation of machines improvements and other issues related to production equipment to meet the target output.

**-** In charges for the preventive maintenance activites.

**Equipment/Process Engineer** April 20, 2015 to August 3, 2016

Knowles Electronics Philippines – Cebu City

A global leader in manufacturing of speakers and receiver for mobile phones and hearing aid.

**-** Lead the investigations for process related issues including machines issues in assigned area.

**-** Key player in the implementation of machines improvements and other issues related to process and equipment.

**Equipment Engineer** 1999 - 2015

Excelitas Technologies (Formerly PerkinElmer Optoelectronics, Philippines Inc. ) - Cabuyao, Laguna

A global leader in photosensitive semiconductor electronic components and sub-assemblies.

Equipment Engineer (2011 - 2015)

Lead Technician (1999 - 2011)

**-**Led the ASM Recommisioning Project that gave the company a total of 120KUSD savings. The project is about therehabilitation of used ASM machines purchased from other companies. Those scrap value machines were repaired, reconditioned,set-up and utilized to production.

**-** Key player in the implementation ofAutonomous Maintenance and SMED (Single Minute Exchange of Die) initiatives in ASM production line that resulted to ~4% improvement in the Availability Rate.

**-**Initiated the in-line automation project on ASM #5 wherein autoloader was designed and fabricated in-house. The project resulted to 40% increase in production capacity.

**-** Led the resolution of the recurring nick wire issue in fold-over device by redesigning the work holder clamp and heater block of the wire bond machine.

**-** Designed the in-house fabricated wafer mounter tool that gave cost avoidance 14.5KUSD.

**-** Initiated the upgrade of Die attach machine PRS light that resolved totally eliminated the unpick die issues.

**Maintenance Supervisor**  1998 - 1999

Amertron Incorporated Parañaque City

A leading provider of tailored contract manufacturing services to the semiconductor and optoelectronic industry in Southeast Asia and globally.

-Lead Technician (1996 - 1998)

-Line Technician (1993 - 1996)

- Started as line technician and received series of promotions over the years of consistent exemplary performance.

- Expert in the following machines:

* ASM Wirebond AB309-00 / AB309A-03 vertical LED / AB339 / AB339 Eagle / AB356-08 / AB559-08 / AB339 EAGLE / AB339 EAGLE 60
* ASM Die attach AD809IL-08 / AD809-00 / AD809-06 / AD829 / AD809-03 vertical LED

**Major Awards / Recognitions**

Enable Awards:

* ASM Recommisioning Project (Project Leader)
* Nick Wire Resolution Project (Project Leader)
* Conversion of ASM Wire bond machine from lay down to vertical work holder (Project Leader)
* Conversion of ASM Die attach machine from epoxy dispensing to stamping (Project Leader)
* Successful rehabilitation of ASM Oven#3 (Project Leader)

Level 2Creative Award for Fold-over ASM In-line Automation (Project Leader)

SGA ProjectChampion for WB Productivity Improvement (Project Leader)

**Education**

College: Manuel S. EnvergaUniversity Foundation, Lucena Quezon

Bachelor of Science in Mechanical Engineering

2011

Technical: Lyceum Merchant Marine Academy, Batangas, Philippines

Certificate in Marine Engineering

1993

**Personal Information**

**Birth Date Dec 08, 1964**

Civil Status: Married

Age: 52

Height: 65 inches

Weight; 155 lbs

Number of Children (If applicable): 2

Religion : Roman Catholic

Passport number: EB6263193

Date issued: September 04, 2012

Date issued: September 03, 2017

Mobile Numbers: 09561832496

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**References**

Mr. JuanitoDecina

Operation Manager / Excelitas Technologies

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Senior Engineer / Equipment Engineering department

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