

# Engr. Vener B. Velasco

Licensed Chemical Engineer / Certified Lean Six Sigma Black Belt

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## System Management & Development Lead / IT Head

Professional Engineer and Leader experienced in various Sector of Manufacturing Industry, including Semiconductor, Chemical Processing and Food manufacturing. Practices continuous improvement in creating data driven business solutions for process optimization and digitalization that drives bottom-line results.

## Professional Experience

### System Management & Development Lead / IT Head | Carmona, Cavite | March 2019 – Present

- Blaine Group of Companies (Refamed Research Laboratory Corporation & Blaine Manufacturing Corporation)
- Directly Reporting to the COO and Manages 3 teams, (a) Continuous Improvement, (b) IT Technical, and (c) Software Developer.
- Handles multiple Business Unit which includes Animal Health & Nutrition, Food, and Personal & Homecare.
- Implemented Microsoft 365 and served as the Global Admin and SharePoint Developer.
- Manages numerous projects, including the Implementation of Performance Management System (PMS) and developed Key Performance Indicator (KPI) for all departments.
- Provide business intelligence for supply chain that drives cost savings, cycle time improvement and system creation.
- Provides Strategy and Program that generated cost savings of more than 2 million pesos
- Improved Ticket Cycle time from 50% to 98% attainment.
- Started the Software Development department and served as the Product Owner and Scrum master
  - Projects: HRIS, Timekeeping, Electronic Payment Authorization form and Procurement Module

### Failure Analysis Engineering Supervisor | Baguio City, Benguet | January 2018 – January 2019

- Texas Instruments – Philippines
- Investigate and report the discovery of electrical and physical evidence of semiconductor failure for Root cause identification.
- Report the Semiconductor failure trends and category and provide analysis for continuous improvement.
- Highly Skilled in using analytical equipment such as X-ray Machine, Curve Tracer, T.D.R / S.A.M. / EDX Spectroscopy, FTIR, Ion Chromatography, Laser & Chemical Decapsulation and 3D Laser.
- Supervise and Train Laboratory Analyst to generate a detailed report based on the analytical findings.
- Create new techniques and methodology in semiconductor failure mode investigation and identification.
- Laboratory Safety Champion and 5S Champion

### Quality and Reliability Assurance Engineer | Baguio City, Benguet | July 2016 – January 2018

- Texas Instruments – Philippines
- Manage and execute Quality Management System in the Pre-bond area which includes Wafer Preparation, Back-grind, Wafer Saw and Die Attach process.
- Designs and implements methods and procedures for inspecting, testing, and evaluating the precision and accuracy of products and/or equipment.
- Analyzes reports and returned products, and recommends corrective action. Prepares documentation for inspection/testing procedures.
- Reports Internal and Customer quality issues and analyze trends to improve the manufacturing process.
- Serve as the Country Project Manager in the global standardization of the Material Tool Verification System (MTVS).
- Acknowledge as Ethics Hero

## Education and Licenses

### Education

- |  |                        |              |
|--|------------------------|--------------|
| ✓ Master's degree in Business Analytics              | MAPUA University       | Ongoing      |
| ✓ Bachelor of Science in <b>Chemical Engineering</b> | Saint Louis University | 2010 - 2015; |

### Licenses

- |  |                  |               |
|--|------------------|---------------|
| ✓ Full Stack Web Developer Boot Camp                   | Uplift Code Camp | Ongoing       |
| ✓ Google IT Support =                                  | Coursera         | December 2020 |
| ✓ Certified Lean Six Sigma Black Belt (CLSSBB)         | IMC Institute    | October 2020  |
| ✓ CompTIA IT Fundamentals (ITF+)                       | CompTIA          | August 2020   |
| ✓ Professional Certificate in Data Science Foundations | IBM              | May 2020      |
| ✓ Licensed Chemical Engineer                           | PRC              | November 2015 |

## Trainings

- |   |                      |                    |
|---|----------------------|--------------------|
| ✓ Supply Chain Management   | Ascendens Consulting | Nov 2019           |
| ✓ ISO 9001:2015   | Refamed              | Oct 2019           |
| ✓ Performance Management System   | Business Coach Inc.  | August 2019        |
| ✓ Effective Public Speaking for Entrepreneurs   | NIIT                 | May 2019           |
| ✓ Foundation of Leadership Excellence   | Innov8               | May 2019           |
| ✓ Council of Failure Analysis and Reliability (CFAR)  | SEIPI                | Aug 2018           |
| ✓ Failure Analysis Training<br>SAM, SEM/EDX, FTIR<br>Decapsulation, TDR, X-ray,<br>3DLaser,<br>Ion Chromatography                                     | Texas Instruments    | Jan-Feb2018        |
| ✓ Semiconductor Manufacturing Boot Camp   | Texas Instruments    | Nov 2016           |
| ✓ Process QRAE Training<br>Engineering 5S, ESH, 100K cleanroom, EICC, Audit<br>Change Control Board<br>Control Plan, FMEA, QMS<br>8D, DMAIC, MSA, SPC | Texas Instruments    | Jul 2016 –Nov 2017 |

## Professional Skills

- ✓ Possesses good interpersonal, speaking and reporting skills.
- ✓ Proven to have excellent and competent leadership abilities.
- ✓ Able to connect and proactively build effective working relationships.
- ✓ Seeks and expands on original ideas, enhances others' ideas and contributes own ideas about the issues at hand.
- ✓ Programming Language: git & GitHub / HTML / CSS / JavaScript / React / Node.js / PHP / SQL / Python /Mongodb
- ✓ Computer Skills:
  - Microsoft Word, PowerPoint and Excel (including Macro & VBA)
  - Microsoft SharePoint and Power Automate
  - Power BI, Spotfire & Tableau (Business Intelligence)
  - SAP & Host Explorer (ERP)
  - Jira, Trello & Notion (Project Management App)