

Gary L. Tagaca

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SUMMARY

10 years+ of Service in Advance Energy (Electronics Industry). Senior Industrial Engineer, handling overall plant layout in Laguna Plant and creating the most optimum solution to work loss due to waste (time loss). Application of planning and forecasting activities, Process the overall approach to all activities and considerations, Communicate and collaborate with cross functionals teams, decision maker and implementation of the projects, leading the work of a team to achieve all project goals within the given constraints.

More than 7 years extensive experience in Ford Motor Company Phil. (automotive industry) and possess the ability to lead and supervise personnel in a dynamic work group set-up, Keen on details to improve Safety, Quality, and Cost, Part of the Launch team of engine plant set up. Have a rigid experience in assembly operation. As a team lead, I honor the hard work of my members and uplift their morale with goal oriented and objective, ensuring the procedures and measuring quantity is always met. Always have unique positive ideas through work which leads to excellent performance of the team.

SKILLS & QUALIFICATIONS

- Project Management
- Assertive, Analytical, with strong communication to cross functional team.
- Overall Plant Layout and Planning skills - Factory facility layout and design.
- Industrial Engineer & Lean Engineer
- Safety Practitioner – DOLE accreditation No:1033-181001-D-2181
- Microsoft Office Application Proficient (MS Word, MS Excel, MS PowerPoint, MS Outlook), MS Project.
- Proficient in AutoCAD (2D & 3D) / Draft, Sight / Solid works / Sketch up.
- Line Balancing by Lean manufacturing, Kaizen, Value Stream Mapping and Layout Application.

PROFESSIONAL EXPERIENCE

March 20, 2013 to Present
Senior Industrial Engineer

Advance Energy
104 Laguna BLVD., Laguna Technopark,
Sta Rosa Laguna

Responsibilities.

- In-charge of Overall Plant Layout / Layout Design / Movement / Space Optimization improvements.
- Support the Project Lead on the implementation of transferred models in LG plant.
- Handles Projects related to Layout and movement.
 - Manage and implement overall layout movement projects in LG plant and ensure that any scope changes or changes to the financial targets are raised with recommendations for the appropriate action.
 - Point person in overall movement projects, communicate with cross functional team and ensure deliverables and commitment date are met.
- Develop continues improvement to ensure smooth processes, material flow and communications among different departments.
- Create AR 's Intended for Re Layout Projects
- Implement and supervised the project and ensure that all manpower support will follow the Safety standards during layout implementation.
- Provide solution to all safety related concerns on layout and process. Drive the team to minimize or Eliminate safety hazards.
- Handles LEAN / Kaizen for common areas and Low volume.

Accomplishment / Achievements

- DRI on site transfer RKK (New York) to Philippine LG factory - 2023
- Part of 300UPD project in AE Penang Malaysia - 2022
- Facilitate and Implement Laguna factory layout movement (Litmus) in LG plant with a total budget of \$1.8M
- Drive and Implement JOLT51 production line and deliver it on time based on the Gantt chart schedule.
- Exceed Expectation Performer for Annual Performance Review for the year 2014, 2015, 2017, 2018, 2019, 2020, 2021,2022,2023.
- Analyzed and Implement Slim Flow Line at Mass Production which helps remove work loss due to unnecessary work/prolonged work, Eliminate or avoid Ergonomic process issues. Eliminate Batching process, with the benefit of Increased Capacity by maximizing production space (w/ provision set up for dual line) & Improve productivity of the line.
- Helps the company to saved and earned money by means of maximizing and reducing the occupied space of its warehouse, this result for almost 64% savings from its rental cost from P4,569,600 total annual rents and to P2, 917,200 also in terms of clearing out all the waste and scrap in the area and convert those scrap materials into money (P165, 000 for Scrap Machines).
- Manage and accomplish multiple projects on the same schedule by tracking and updating my team to ensure Safety, Quality, and encourage my team to meet the deadline schedule with no issues and delays.
- Implement & execute major relay-out at New Product line by Analyzing processes and ensuring that the group concerns with regards to re-layout are met, by combining Process Analysis and IE methodologies prior execution.
- Offices Re-Layout by obtaining the optimum space and maximizing the number of office/cubicles which will result in less travel/follow-up per group and add 40% additional office capacity using same space.

OCTOBER 2, 2012- MARCH 19, 2013

Emerson Network Power

Industrial Engineer (Project Based)

104 Laguna Blvd., Laguna Techno Park, Sta. Rosa, Laguna

Responsibilities.

- Responsible for office and production relay-outs.
- Conducts time and motion studies and line balancing to determine bottlenecks stations, jigs & fixture requirements and line capacity.
- Responsible for Build Report of New Product reports
- Ensuring the best possible productivity thru accurate headcount deployment
- Standard time validation and proposition
- Work with the group Lean Six Sigma Champion and conduct study with validation that eliminates waste in the production area.
- Assists with everyday tasks including resolving issues and concerns of production with regards to facilities, fabrication, layout and improvements

June 16, 2005 - July 30, 2012

Safety Partner of the Team / Continuous Improvement

**FORD PHILIPPINES
COMPONENT MANUFACTURING
COMPANY PHILIPPINES**

Responsibilities.

- OIC / Supervise and handles the Engine assembly line.
- Leads Safety Projects feedback any safety substandard and potential hazards, ensures incidents are reported and documented, attend all required safety training and discuss it to the team.
- Leads Continuous improvement of the team.
- Guide and encourages team processes (Safety, Quality, Delivery, Cost, Morale and Environment) metrics, requirements and standards and be a catalyst for continuous improvement to all partners in Engine assembly.
- Support and review line Balancing, Time & Motion Study & productivity improvement.
- Collects production reports from the team after the shift & do productivity analysis regularly, Review daily production plan with the team and MP&L / Inventory & Control.

- Understand and help implement the Blue Q process, Understand and implement Control point, Understand and implement process control and validation, can use QC tools and problem solving, Track results and share quality information to the team.

ACHIEVEMENTS

- Initiate 24 manufacturing improvements to improve Safety, Quality, Delivery, Environment, Cost, and Morale and achieve 2008 the greatest number of manufacturing improvements.
- Fabricate modified graded parts tray of engine parts. This project minimized the weight of the tray from 11 Kg to 4 Kg. And closure of SRA Hazard No.4742. We save estimated up to P75,000 pesos for this project improvement for in house fabrication. And \$95.66 dollars for damage to the engine parts. This project improved Safety, Quality, Productivity and Cost.
- Receive an award of best practice replication to another Ford Plant. This is improving the process time of transferring engine parts of the pallet rack. By fabricating a roller conveyor trolley. This is also Safety improvement by eliminating lifting of Crankshaft parts. Back pain issues are eliminated wherein lifting is reduced since this roller conveyor is implemented.
- Exceed Performer / Top Achiever for Annual Performance Review for 4 consecutive years (2008 to 2011).
- Corporate Partners Pillar Representative - 2012
- 2009 Engine Plant Partner of the year.
- 2008 Highest Score on exam of FORD PRODUCTION SYSTEM.
- 5 YEARS Milestone in service award at Ford Motor Company Philippines.
- Conduct study and implement to Reduce operating hours of washing machine up to 50% by maximizing its operation; our team saves up to P816, 813.00 for the whole year.
- Re- Arrange & improve of process by conducting time and motion study to support 90 (upd) Unit per day due to demands increased.
- 2006 selected as a part of Product launch Group, by C307 engine (Ford Focus) model.
- Receive an award of FORD SMILEY AWARDEE to show willingness to assist vehicle operation overtime to meet expected output.
- Perfect Attendance award for the year 2006
- 2006 Ford Motor Company Philippines Engine Plant Productivity Partner of the year
- High achiever for annual performance review for the year 2007-2010

TRAININGS AND CERTIFICATES

- Leadership Essential
- Safety Practitioner - 2019
- Project Management – Ateneo De Manila University
- Project Management Essentials – By Frank Covey.
- PFMEA Process Failure Mode and Effect Analysis - Artesyn Embedded Technologies
- KAIZEN – By Moro San (Japanese consultant)
- Loss Control Management (LCM) – In safety Inc.
- Basic Occupational Safety & Health (BOSH) By: Safety House, INC.
- Safety Risk Assessment Training / Pedestrian Safety Training / Ergonomics Issue Training / Working at Heights Training / Chemical Safety Training – Ford Motor Company Philippines
- Problem Solving and RCCA REPORT Writing – Artesyn Embedded Technologies
- LEAN Champion Training - Artesyn Embedded Technologies
- MTM -1 Basic Methods time Measurement - Artesyn Embedded Technologies
- Quality Operational System Training / SAQ Single Agenda for Quality Trainings
- Quality Process System, (WES) Work Element Sheet, (OIS)Operator Instruction Sheet
- Lean Manufacturing / I4 Planning – *Ford Production System*
- Self-Managed Team / Shared Values Training
- Error Proofing Trainings / Quick Change Over

- Open Book Management Trainings
- Value Stream Mapping Training
- Waste Management Training
- FPS Ford Production System
- In-house Trainings at Ford Motor Company (*List of training will provide p/request*)

PERSONAL INFORMATION

SSS No. : 33-9392592-5
 TIN No. : 238-462-374
 Passport No. : EB6014776
 Citizenship : FILIPINO

EDUCATION:

DEGREE: Bachelor of Sciences in Industrial Engineering
 University of Batangas
 Year Graduated- 2012

COLLEGE: Automobile Mechanic
 Don Bosco Technical Institute Makati
 Year Graduated-2005

SECONDARY: Sarrat National High School
 Sarrat Ilocos, Norte
 Year Graduated-2002

References:

Ruby Virata
 Senior Industrial Engineering Manager
 Advance Energy Inc. - 09175097408

Aylwyn John Gerald Sarquilla
 Senior Design Engineer
 Advance Energy Inc - 09278866884