Mark Anthony B. Diaz

237 Hulo Street, Bignay, Valenzuela City, Philippines 1440
Phone: +639562362156
E-mail: mbdiaz10222015@gmail.com

WORK EXPERIENCE

SAN MIGUEL YAMAMURA PACKAGING CORPORATION – MANILA PLASTICS PLANT (San Miguel Corporation – Packaging Division)
ISO 9001:2015 and ISO 14001:2015 Certified
631 Tomas Claudio St., Pandacan, Manila

Designation : Product Design and Development Supervisor
May 1, 2022 - Present

JOB RESPONSIBILITIES

- Lead and document all phases of the product development cycle from product concept to manufacturing.
- Spearhead new product development, product and process improvement, cost optimization and product improvement initiatives.
- Assess technical feasibility of concepts and confirm operational compatibility for both the plant and customers.
- Assess the plant's capability, conducts gap analysis and implements programs to address the deficiency of the plant in terms of technology and competency.
- Conduct complex experiments involving standard interpretation and iteration of the trial steps. This includes prototype development, pilot trial, plant trial up to commercial stage.
- Develop goals, process standards and specifications for new and improved products by collaborating with concerned departments.
- Recommend processes and systems used within new product development programs.
- Prepare and set up with concerned department the total cost competitiveness including yield computation and product costing.
- Responsible for technical report and presentation of various projects to management and customers.

- Manage customer relationship and perform product reviews, customer visit and product testing including technical and market support.
- Scan new technologies and product research on an orientation towards new trend in design.
- Manage budgets including capital planning, contributing to controllable margin and optimizing financial levers.
- Ensure compliance to the requirements and regulations of Industrial and Utility Model patents.
- Review regularly equipment's performance and provides technical advice to operations.
- Conduct regular meeting with concerned departments to discuss plans and directions to address customer concerns.
- Conduct regular department meetings to discuss management plans and directions, customer complaints and other issues relevant to production operation.
- Ensure that process and product specifications are in accordance with customer requirements and industry accepted practices.
- Suggest training tools to enhance employee performance and skills development.

Designation : Product Design Specialist
September 16, 2013 – April 31, 2022

JOB RESPONSIBILITIES

- Prepares the Product Design and coordinates with mold maker for mold developments.
- Tests and validates newly designed/modified products using design software and actual product testing.
- Establishes standard specifications and test protocol of products prior to commercialization.
- Controls and regulates the distribution of related designs and drawings.
- Completes technical documentation of products.
- Assesses the customer needs, product specifications and technical inputs. Gathers data and information pertinent to the design of the product for development and/or new process needed.
- Conducts technical visits to gather vital information on customer requirements as well as subsequent presentation of results and proposals.
- Gathers information from customers regarding the handling, packaging of products and other equipment that may have an effect on the product performance and customer's operations.
- Determines product pricing by utilizing market research data, review of product and sales cost, volume anticipation, costing of special orders and demands. Facilitates financial studies in coordination with the finance department. Gathers data on volume and growth forecast, raw material cost, facilities and machine investments and other factors vital for the financial feasibility study.

- Brings new products to market by analyzing proposed programs in product developments: preparing return-on investment study and establishes time schedule with operations.
- Establishes manufacturing standards for new products and technology as a result of the comparative analysis of the actual and desired machine parameters for the production of good products. Coordinates with Finance and Operations department for proper costing and product loading schedule.
- Establishes Quality Standards and protocols in coordination with the Quality Assurance Department for acceptance of raw materials to finished goods. Identifies testing requirements and sets up Standard Operating Procedures for new products. Spearheads pilot run of the new product at the customer side and establishes final product standard for approval and acceptance of the customers.
- Develops and conducts product presentation/orientation to customers on the plant's product portfolio (product's use and limitations), added service and the promotion of partnerships between the plant and the customers. Conducts customer appointments / visits together with the Sales and Marketing group whenever necessary.
- Assesses and evaluates the applicability of existing products in the customer operations and makes recommendations for improvement in product or in customer's facilities.
- Conducts cost benefit analysis for customers for customers as additional service.
- Establishes partnership with customers in terms of product development. Determines customer needs and desires and makes a study on the capability of the plant to supply the needs of the customers. Develops final proposal for the supply of existing products and/or the development of a new product to suffice the customer.
- Recommends nature and scope of existing products to customers whenever necessary, expands the product portfolio of the plant by appraising new ideas, information and/or new packaging trends from customers and other units of San Miguel Yamamura Packaging Corporation (SMYPC).
- Obtains product market share expansions by establishing work synergy with the Sales and Marketing group. Provides technical support to Sales and Marketing group during conduct of customer visits.
- Decides immediate corrections to customer complaints on on-going product development projects and implements corrective actions to correct the non-conformity permanently.
- Works towards continual improvement by implementing, facilitating and participating in Work Improvement Teams (WIT) and Work Improvement Suggestions by Employees (WISE).

SOBIDA MOTORS CORPORATION
Brgy. Nagkaisang Nayon, Novaliches, Quezon City
Designation : Research and Development Engineer
July 31, 2012 –August 17, 2013

JOB RESPONSIBILITIES

- Formulate document and disseminates process procedural details in various processing and fabrication sections.
- Conduct studies or assessments on the current methods / existing operations with the objectives of improving efficiency and productivity.
- Conduct research works, technical studies, evaluation and specific project relevant to vehicle remanufacturing, maintenance and usage that impacts business operations as a whole e.g. economic use of time saving tools and devices, parts failure analysis etc. and recommend appropriate actions and directions to be pursued, implemented and monitored.
- 3D Scanning and Reverse Engineering of automotive parts for parts listing and creation of Bill of Materials software.
- Design and provide detailed drawing for the fabrication of automotive parts and other equipment using design software.
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MD JUAN ENTERPRISES INC.
#2 Susano Road, Deparo, Novaliches, Caloocan City, Metro Manila, 1420 Philippines
Designation: Quality Control Inspector (On-the-Job Trainee)
240 hours

JOB RESPONSIBILITIES

- Report directly to the Quality Assurance Supervisor
- Ensure all product conforms to company standard prior shipment to customer
- Coordinate with other department for daily job orders
- Prepare daily and weekly report for documentation
- Perform other duties and responsibilities as may be assigned from time to time by immediate superior.

SKILLS

- Capable of reading and interpreting complex engineering drawings.
- Advanced skills on engineering simulation software e.g. Solidworks, Autodesk inventor, Pro/E, Rapidworks and Rapidform.
- Proven experience of creative and methodical problem solving
- Pro-actively resolving critical design, manufacturing, quality and reliability issues
- Well-rounded mix of experimental, theoretical and design skills
- Good oral and written communication skills and able to communicate in a professional manner with all levels
- Communication and customer service skills
- Ability to cope up with pressure of deadlines
- Willingness to build and maintain positive working relationships and share information to others
- Knowledgeable in lean manufacturing practices e.g DMAIC

ACHIEVEMENTS

- Designed numerous plastic injection molded products e.g Crate, Pallet, Poultry Flooring, Industrial Pail and Blown Bottles
- Designer of numerous Industrial Design Patents
- Numerous designed products won as Most Innovative Product
- Authored and presented a technical paper entitled "EXCEL Pallet: The Best Alternative to Wooden Pallet" in the 2017 SMYPC Technical Forum and Council's Day. Declared as the Best Technical Paper and Best Presenter.
- Authored and presented a technical paper entitled "The All New EMat: Innovation that Transcends Boundaries" in the 2019 SMYPC Technical Forum and Council's Day. Awarded as People's Choice Award.
- Presented numerous Work Improvement Team Projects using DMAIC process.
- Recipient of perfect attendance in 2017-2019
- Finalist, SMYPC - MPP 2018 Employee of the Year
- Finalist, SMYPC - MPP 2019 Employee of the Year

SEMINARS AND TRAININGS

Foreign:

1. VIV Asia 2015
   Bangkok, Thailand
2. Plant Visit and Benchmarking
   Foshan San Miguel Yamamura Packaging Corporation Ltd.
   Foshan City, Guangdong, China

3. Injection Mould Design and Fabrication Process
   Mian Yang High Tech Fude Zone, Tai Zhou City, Huang Yan, China

Local:

1. Plastics Institute of Technology
2. 2015 PSME National convention
3. San Miguel Foods Inc.'s Quarterly Forum
4. ISO Awareness Orientation
5. Red Cross First Aid and Basic CPR Orientation
6. Corona Treatment Orientation and Product Demonstration
7. Technical Report Writing
8. Effective Business Writing
9. Autodesk Inventor Professional 2016 Training
10. Autodesk Nastran IN-CAD 2016 Training
11. Autodesk Moldflow 2016 Training
12. IMS Cascade (ISO 9001:2015 & ISO 14001:2015 Updates)
13. Basic Extrusion Blow Molding
14. Cross Training in Production and Engineering Department
15. 65th & 66th PSME National Convention
16. Autodesk Moldflow Adviser Ultimate 2018 Training
17. SMYPC and IPO Philippines Patent Seminar
18. Graphics and CAD Solutions Day
19. Data Privacy Cascade
20. Upgrading to Professional Mechanical Engineer Write Shop Seminar
21. Executive Talks: Masters of Design
22. Basic Plastic Injection Mold Design by MIRDC
23. SMYPC – MPP Planning Conferences

EDUCATION

Licensed Mechanical Engineer (PRC ID # 81285)

Professional Regulation Commission - Mechanical Engineering Licensure Examination
March 2013

Bachelor of Science in Mechanical Engineering

Technological University of the Philippines – Manila
June 2007 – May 2012

PERSONAL INFORMATION

Age: 30
Birthdate: October 23, 1991
Birthplace: Quezon City
Marital Status: Single
Sex: Male
Height: 154 cm
Weight: 70 kgs

PROFESSIONAL AFFILIATION

Philippine Society of Mechanical Engineers
Regular Member – Manila Host Chapter

REFERENCES

ALNER S. ANTONIO
Operations Manager
San Miguel Yamamura Packaging Corp. – Manila Plastics Plant
+639178031713

LESLIE A. ESPINOSA
Engineering Supervisor – Mold Maintenance
San Miguel Yamamura Packaging Corp. – Manila Plastics Plant
+639950215130

MA. CRISTINA R. MOSTAJO
Sales and Marketing Directorate
San Miguel Yamamura Packaging Corporation
+639178576446

I hereby certify that the above mention is true and correct to the best of my knowledge and belief.

Mark Anthony B. Diaz