



CONTACT



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MARLO MARCAIDA NOSCAL

Electrical Engineer

Summary: With more than 25 years of experience in Production and Maintenance field – a dynamic and performance driven Electrical Engineer Professional. Ability to design, develop and increase process efficiency or reliability and decrease production losses. Has proven record of accomplishing activities and projects assigned within the set timeline. Excellent in communicating, motivating team members to enhance strategic goals and objectives.

PROFESSIONAL EXPERIENCE

MAINTENANCE MANAGER

Jan. 2022 – Jan. 2023

GULF PLASTIC INDUSTRIES W.L.L.

International Investment Park, Hidd Town, Kingdom of Bahrain

Company Industry: Production – Thermoplastic Pipes and fittings manufacturing

Job Role/Department: Head of Maintenance Department

Major accomplishments:

- Injection moulds for PPR, CPVC, PVC fittings was configured for a minimum cycle time by optimized machine parameters for excellent output per hour and minimum wastage.
- Evaluates systems or facilities to determine proper preventive maintenance planning or repairs that need to be performed. PVC, CPVC, HDPE, PPR pipe extruder machines including its downstream equipment.
- Monitor maintenance procedures and schedules economically repairs.
- Hires and trained newly hired maintenance / production department staff.
- Organized and oversees the schedules and work of maintenance staff.
- Conducts performance evaluations that are timely and constructive.
- Handles discipline and recommend proper action to staff /employees as needed and in accordance with company policy.
- Oversees the day-to-day operations of the maintenance department.
- Assesses building systems to plan work assignments and project schedules.
- Sources for suppliers of machines and other technical related parts and initiates procurement of such materials if the need arises.
- Monitor the departmental budget estimates and costs of specific repair projects.
- Check operating conditions of production machineries/equipment, instrument and their accessories and recommends technical improvements if necessary.
- Coordinates with contractors and suppliers for installation of new project/improvement being undertaken.
- To oversee maintenance and repairs of electrical, plumbing, heating, ventilation, and air conditioning (HVAC), carpentry, painting, and other building systems
- Planning and scheduling all maintenance activities for facilities to carry out inspections of the facilities to proactively identify and resolve issues.
- Provides quotes of tools, machinery or equipment that needs to be replaced which also includes to monitors expenses and controls the budget for maintenance department.

EDUCATIONAL BACKGROUND

ADAMSON UNIVERSITY

Manila, Philippines, March 1987

BACHELOR'S DEGREE – ELECTRICAL ENGINEERING

MERALCO FOUNDATION INSTITUTE

Manila, Philippines, October 1987

Certification/Diploma, **Technical Industrial Engineering**

INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS OF THE PHILS. INC.

Manila, Philippines, June 1991

Certification/Diploma, **Maintenance**

FESTO DIDACTIC INC

Manila, Philippines, June 1992

Certification/Diploma, **PLC Controls, Hydraulic & Pneumatic Systems**

KAVAQ BUSINESS INTELLIGENCE

Eastern Province, Saudi Arabia, Dec. 2007

Certification/Diploma, **Production**

ORGANIZATIONAL AFFILIATION

PROFESSIONAL REGULATION COMMISSION REPUBLIC OF THE PHILS.

Manila, Philippines, August 1989

REGISTERED ELECTRICAL ENGINEER

INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS OF THE PHILIPPINES

Manila, Philippines, September 1989

Member

Manama, Bahrain, January 2014

Member

SKILLS AND QUALIFICATIONS

- ✓ Commissioning and Maintaining efficiency of machinery
- ✓ Knowledge of fault finding and repair using schematic diagrams and test equipment
- ✓ Maintenance Engineering
- ✓ Production and Manufacturing Analysis
- ✓ Budgeting Analysis
- ✓ Quality System (ISO 9001:2000)
- ✓ Internal Auditor
- ✓ HACCP, Food Safety Mgmt. System (ISO2200:2005)
- ✓ Energy Management System (ISO 50001:2011)
- ✓ Environment Management System (ISO 14001 : 2015)
- ✓ Electromechanical / Pneumatic, hydraulic Machines
- ✓ PLC controlled Machines
- ✓ MS OFFICE – MS Word, Excel, Power Point, MS Project, and MS Visio

PERSONAL INFORMATION

Gender: Male
 Nationality: Philippines
 Visa Status: Residency Visa
 Residence Location: Kingdom of Bahrain
 Marital Status: Married
 Driving License: Philippines and Bahrain

REFERENCES

- Available upon request

HEAD OF MAINTENANCE & DEVELOPMENT ENGINEERING

May 2012 –
November 2021

DEEKO BAHRAIN W.L.L.

North Sitra Industrial Area, Kingdom of Bahrain

Company Industry: Production - Plastic and Aluminum Manufacturing

Job Role/Department: Head of Department / Development and Maintenance

Major accomplishments:

- Successfully developed and commissioned newly acquired production machines, three extruder lines for rigid sheets, seven vacuum/pressure forming thermoforming lines and fifty thermoforming moulds to produce new products SKUs as per the market needs, thirty aluminum foil container moulds, rewinder converting machine, paper napkin machine and auxiliary packaging machines.
- Successfully installed additional power capacity of 1500KVA transformer/ substation, in coordination with the utility company and outside contractors.
- Development of a new product ranges (PP,PS,PET Thermoformed Plastic cups, plates, containers, Aluminum foil containers, Trays, Aluminum foils, Cling film, Paper napkin) adding to existing ranges by extending the number of SKUs, extending resin bases and also instrumental in automation for labor saving techniques.
- Conceptualize/envision new designs/materials and changes to current product standards to meet changing market needs.
- Design major components or major portions of a functional system to develop or improve products and facilitate manufacturing operations.
- Work with a cross functional team to develop new product and/ or improve existing / current products.
- Verify machine performance against machine producers' standards and product performance through analysis and testing, identify product non-conformances, design errors, omissions, and other deficiencies, and implements revisions and / or improvements. Conduct commissioning / validation of new acquired machines / moulds.
- Bring down the cost of production through replacement of existing technology where necessary and prove more efficient, faster, and cost effective, scrap saving. Moulds should also be configured for maximum number of cycles / strokes per minute for excellent product performance and minimum wastage.
- Planning and scheduling all maintenance activities for facilities to carry out inspections of the facilities to proactively identify and resolve issues.
- Maintains electrical & hydraulic systems of buildings to ensure functionality
- Comprehensively plans and ensures timely completion of Capital projects.
- Creates and leads a professional maintenance shop, controls maintenance tools, stores and equipment, monitors and maintains appropriate equipment and parts inventory.

ASSISTANT PRODUCTION MANAGER*January 2003 –
April 2012***Takween Advance Industries**

Al-Jarn Al-Ahsa, Kingdom of Saudi Arabia

Company Industry: Plastic Manufacturing and Production**Job Role/Department:** Engineering / Production**Major accomplishments:**

- Successfully developed and commissioned newly acquired moulds and machines to manufacture and supply for packaging dairy / beverage products for major dairy company in the Kingdom and other Gulf countries as follows:
 - ✓ PP / LDPE Hot runner plastic Injection closures 28mm, 30mm, 38mm tamper proof band caps, 200-500grams tubs with lids, crates from HUSKY, DEMAG, ENGEL, DONG SHIN injection machines.
 - ✓ PET / HDPE 180ml, 375ml, 500ml, 1000ml – 2000ml plastic bottles from SIDEL, BEKUM, UNILOY, ROCHELEAU, ASB injection blow molding machines.
 - ✓ PS / PP Thermoformed plastic cups 100ml, 200ml, yogurt trays, juice cup lids, 200-500grms tubs from ILLIG, JOHN BROWN thermoforming machines.
 - ✓ PS / PP clear sheet rolls, colored sheets rolls from RIEFENHAUSER extruder machines.
- Designated as Deputy Management Representative during the application until final completion and accreditation of Quality System ISO 9001:2000 and Food Safety Management System ISO 2200:2005 by National Inspection & Technical Testing Co.Ltd (FAHSS / TUV) and System Certification from SGS.
- Supervise a staff of over 100 multinationals within the department ensuring that they are completing their assigned tasks including Production efficiency and other KPI.
- Preparation of Production planning and scheduling, manpower distribution based on production requirements.
- Implementation of Plant Hygiene, Safety, SOP's, HACCP and Quality System procedures ensuring all are followed.
- Complete Induction training for new employees. Document and maintain skills training matrix for every department.
- Coordinate with Sales Dept. to ensure customer satisfaction is maintained, including customer visit.

INSPECTION ENGINEER*September 2002 –
November 2002***Dutest Industrial Est**

United Arab Emirates

Company Industry: Safety/ Environment**Job Role/Department:** Safety**Major accomplishments:**

- Conduct regular / periodic inspection of different types of lifting equipment such as crane, forklift, chain / rope sling and accessories, ensuring it is within safe working condition.

PLANT ENGINEER / CUSTOMER TECHNICAL SERVICE

*February 1992 –
July 2002*

Zeller Plastik Philippines Inc. / Crown Cork and Seal Company
Muntinlupa City, Philippines

Company Industry: Plastic Manufacturing and Production

Job Role/Department: Engineering / Production

Major accomplishments:

- Pioneered in the set up operation of Zeller Plastik facilities for PP flip top plastic closures manufacturing, such as KRAUSS MAFFEI, TOSHIBA Injection molding machines, and other ancillary equipment, i.e. Air cooled water chiller, Air compressor, 350 kVA caterpillar Diesel Generator, Air Dehumidifying unit, and Automatic capping machine.
- Liaising with outside contractors and Power Utility Company for Power application, Design and Installation of 3 X 333 kVA transformer.
- Responsible for the development and implementation of Preventive Maintenance programs for Machinery, molds, utilities, building and grounds.
- Attend / handle customer after sales support by performing regular scheduled visits to check closures performance i.e. PV202 for PEPSI COLA and PG284 for COCA COLA.
- Responsible in the development of PG482 closure in replacement to ROPP used in 1.5li/500ml glass bottles for COCA COLA, from installation of Zalkin Capper up to commercial run.
- Conduct training program for capping machines for customers i.e. ALCOA capping machine.
- Outsourcing specific jobs, identifying vendors, floating tenders, evaluating the same, leading and finalizing contractual details.
- Directing, monitoring and coordinating, sectional processes, evaluation and plans, to guarantee standard running condition and optimum process productivity in accordance with daily / monthly schedules.