



## Mervin C. Macatangay

 # 797 Pine Tree St. Cuta, Batangas City

 0063576520987

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### OBJECTIVES

To take a career or entry – level position in the field of Engineering suited to my qualifications, which will put into practice the knowledge and skills I have learned, and contribute to the company's continuous growth.

### EDUCATIONAL BACKGROUND

Tertiary Level:	Bachelor of Science in Electrical Engineering Batangas State University (Formerly: PBMIT) Alangilan Campus, Alangilan, Batangas City Philippines	1998 - 2003
Secondary Level:	St. Bridget's College M.H. del Pilar Street Batangas City, Philippines	1994 - 1998
Primary Level:	St. Bridget's College M.H. del Pilar Street Batangas City, Philippines	1988 - 1994

## **APPRENTICESHIP**

**June 20, 2021 – up to present**

**Southern Area, Qurayyah Sea Water  
Treatment Plant Phase 2 (Aramco Project)**

**SHADE Corporation Ltd.**

**QA/QC Engineer / Supervisor**

Dammam, K.S.A.

### **Duties and Responsibilities:**

- Witnessing and sentencing of all site inspections within their disciplines
- Coordinate all site inspections with the site subcontractors
- Ensure that all inspection reports are accurate and that all attached documents are current status
- Ensure all work is correctly prepared prior to any inspection being undertaken
- Review all inspection reports for compliance
- Assist the site QC manager in the organization, maintenance and control of the quality system
- Liaise with the site construction engineers and provide assistance when requested
- Prepare nonconformance reports to the QA manager and assist in developing corrective actions
- Assist the QC manager and construction manager in resolving any discrepancies and ambiguities
- Coordinate with the customers QC inspectors for the resolution of site problems
- Coordinate with the site subcontractors to ensure that communications exist and are maintained
- Assist the site subcontractors in the resolution of drawing interpretation □ Attend the weekly QC meetings
- Review work procedures and method statements for compliance with good work practices and the customers contract specializations
- The issuance of nonconformance reports in conjunction with the site QC manager
- The completion of QC site instructions and coordinate their closure The review of inspection test packages during the course of construction activities □ Compliance with the site's health and safety regulations.
- Handle responsibilities of designing industrial and utility power systems.
- Perform the tasks of designing power distribution, grounding, motor control, lighting, control systems and protection systems
- Responsible for developing electrical design specifications and drawings
- Handle the tasks of reviewing electrical design calculations and construction documents.
- Monitoring and administering the QA/QC Plan or Program and ensuring incorporated materials on construction projects are in compliance with the plans and specifications.

**Dec. 27, 2020 – June 19, 2021**

**UTHMANIYAH Gas Plant – Sulfur Pit Upgrade  
(Aramco Project)**

**SHADE Corporation Ltd.**

**QA/QC Engineer / Supervisor**

Al-Hasaa, K.S.A.

**Duties and Responsibilities:**

- Direct audit activities commensurate to production schedules.
- Establish priorities and ensure maximum usage of assigned resources.
- Develop monthly reports showing inspection and audit performance and improvement opportunities.
- Evaluate and recommend alternative auditing procedures for continuous improvement.
- Support production leads and operators for interpretation and methods following set standards.
- Maintain working production component's knowledge and associate next tier application.
- Conduct meetings regularly with inspection and audit team to help consistency in teamwork.
- Involve in team driven actions to help improvements.
- Interpret and support quality policies and implement guidelines to ensure compliance with quality standards and documents.
- Develop and maintain QA programs complementary to enterprise quality system, corporate objectives and policies.
- Perform as ISO representative to head quality program.
- Guide organization personnel through new practices and certifications.
- Supervise and review corrective solutions and prevent action claims.
- Interpret quality control system to people within organization.
- Develop new methods to resolve problems occurring during QA activities.
- Distributes sketch and procedure to engineering, production control, and inspection work stations.
- Repeats inspection procedure until product meets quality standards and specifications are attained.
- Notifies suppliers and subcontractors of reasons for rejection of materials and parts received.

- Oversees the work of onsite Inspection staff as applicable
- Attends project coordination and owner/contractor/architect/engineer meetings as required.
- Identify and resolve conflicts within project scopes and create contingency plans to mitigate risk.
- Ensure all company, client, and project policies, procedures, and standards are adhered to at all times, including that safe work practices are being followed.
- Maintain relationships with co-workers, customers, and regulatory counterparts.

**Oct. 25, 2019 – Dec. 26, 2020**

**Southern Area, Qurayyah Sea Water  
Treatment Plant (Aramco Project)**

**SHADE Corporation Ltd.**

**QA/QC Engineer / Supervisor**

Dammam, K.S.A.

**Duties and Responsibilities:**

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- Handle responsibilities of designing industrial and utility power systems.
- Perform the tasks of designing power distribution, grounding, motor control, lighting, control systems and protection systems
- Responsible for developing electrical design specifications and drawings
- Handle the tasks of reviewing electrical design calculations and construction documents.
- Monitoring and administering the QA/QC Plan or Program and ensuring incorporated materials on construction projects are in compliance with the plans and specifications.

**Nov. 15, 2016 – June 30, 2019**

**AAC Builders Co.**

**QA/QC Inspector Engineer**

Batangas City, Philippines

**Duties and Responsibilities:**

- Witnessing and sentencing of all site inspections within their disciplines
- Coordinate all site inspections with the site subcontractors
- Ensure that all inspection reports are accurate and that all attached documents are current status
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- Review all inspection reports for compliance
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- Prepare non-conformance reports to the QA manager and assist in developing corrective actions
- Assist the QC manager and construction manager in resolving any discrepancies and ambiguities

**Aug. 23, 2014 – Oct. 09, 2016**

**ALSTOM ARABIA POWER FACTORY CO.  
LTD KING ABDULLAH ECONOMIC CITY**

**UNICORP INTERNATIONAL CONTRACTING  
CO.**

**QA/QC Inspector Engineer**

Jeddah, K.S.A.

**Duties and Responsibilities:**

- Witnessing and sentencing of all site inspections within their disciplines
- Coordinate all site inspections with the site subcontractors

- Ensure that all inspection reports are accurate and that all attached documents are current status
- Ensure all work is correctly prepared prior to any inspection being undertaken
- Review all inspection reports for compliance
- Assist the site QC manager in the organization, maintenance and control of the quality system
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- The completion of QC site instructions and coordinate their closure The review of inspection test packages during the course of construction activities □ Compliance with the site's health and safety regulations.
- Handle responsibilities of designing industrial and utility power systems.
- Perform the tasks of designing power distribution, grounding, motor control, lighting, control systems and protection systems

**Nov. 21, 2011 – Aug. 22, 2014**

**King Abdulaziz International Airport (KAIA)  
Development Project (Phase – I)**

**UNICORP INTERNATIONAL CONTRACTING  
CO.**

**QA/QC Inspector Engineer**

Jeddah, K.S.A.

**Duties and Responsibilities:**

- Witnessing and sentencing of all site inspections within their disciplines
- Coordinate all site inspections with the site subcontractors
- Ensure that all inspection reports are accurate and that all attached documents are current status
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- Review all inspection reports for compliance
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- Assist the QC manager and construction manager in resolving any discrepancies and ambiguities
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- The issuance of nonconformance reports in conjunction with the site QC manager
- The completion of QC site instructions and coordinate their closure The review of inspection test packages during the course of construction activities □ Compliance with the site's health and safety regulations.
- Handle responsibilities of designing industrial and utility power systems.
- Perform the tasks of designing power distribution, grounding, motor control, lighting, control systems and protection systems
- Responsible for developing electrical design specifications and drawings
- Handle the tasks of reviewing electrical design calculations and construction documents.
- Monitoring and administering the QA/QC Plan or Program and ensuring incorporated materials on construction projects are in compliance with the plans and specifications.

**Jan. 21, 2011 – Nov. 21, 2011**

**UNICORP Main Office (Technical Dept.)**

**Electrical Engineer (Tendering Engineer)**

Jeddah, K.S.A.

**Duties and Responsibilities:**

- Facilitate the coordination of required verification information between the Client Representative, Client and project personnel.
- Handle the tasks of reviewing electrical design calculations and construction documents
- Develop cost basis for design effort and estimate construction cost
- Coordinate with clients in developing new electrical power, solar and renewable energy projects.
- Ensure that all necessary quality records are identified and retained in accordance with client and regulatory requirements.
- Liaise with the site construction engineers and provide assistance when requested.

**Aug. 05, 2010 – Jan. 20, 2011**

**Qurayyah Combined Cycle Power Plant**

**Project C**

**UNICORP INTERNATIONAL CONTRACTING  
CO.**

Al – Khobar, Saudi Arabia

**QA/QC Inspector Engineer**

**Duties and Responsibilities:**

- Facilitate the coordination of required verification information between the Client Representative, Client and project personnel.
- Ensure the integrity and legal compliance of the product by engaging and working with, Client Representative, Client and project personnel.
- Provide advice and guidance to the project delivery team on all matters of verification and regulatory compliance
- Work with the Location Quality Manager and the Project Management Team to ensure:
  - Project Verification Plan and dependent systems and procedures are developed and implemented in compliance with the requirements of the Quality Management System (QMS) and Project Management System (PMS) consistent with specific location, regulatory and contractual requirements.
  - Co-ordinate the implementation of certification assurance processes within the project for regulatory compliance
  - Review and approve Supplier/Subcontractor Quality Control Plans/Inspection Test plans and procedures.
  - Be familiar with the requisition requirements and equipment/material specifications.
  - Be fully familiar with the verification and inspection release processes and ensure their compliance.
  - Ensure all certification requirements are clearly identified, understood and included with the requisition and PO.

**Aug. 05, 2009 – Aug. 04, 2010**

**PP-10 Power Plant Project**

**Riyadh, K.S.A.**

**UNICORP INTERNATIONAL CONTRACTING  
CO.**

**QA/QC Inspector Engineer**

**Duties and Responsibilities:**

- Witnessing and sentencing of all site inspections within their disciplines
- Coordinate all site inspections with the site subcontractors
- Ensure that all inspection reports are accurate and that all attached documents are current status



- Ensure all work is correctly prepared prior to any inspection being undertaken
- Review all inspection reports for compliance
- Assist the site QC manager in the organization, maintenance and control of the quality system
- Liaise with the site construction engineers and provide assistance when requested
- Prepare nonconformance reports to the QA manager and assist in developing corrective actions
- Assist the QC manager and construction manager in resolving any discrepancies and ambiguities
- Coordinate with the customers QC inspectors for the resolution of site problems
- Coordinate with the site subcontractors to ensure that communications exist and are maintained
- Assist the site subcontractors in the resolution of drawing interpretation
- Attend the weekly QC meetings
- Review work procedures and method statements for compliance with good work practices and the customers contract specializations
- The issuance of nonconformance reports in conjunction with the site QC manager
- The completion of QC site instructions and coordinate their closure The review of inspection test packages during the course of construction activities □ Compliance with the site's health and safety regulations.

**Dec. 1, 2007 – Aug. 04, 2009**

**Qurayyah Combined Cycle Power Plant**

**Project B**

**UNICORP INTERNATIONAL CONTRACTING CO.**

Al – Khobar, Saudi Arabia

**Electrical Engineer / Procurement Engineer**

**Duties and Responsibilities:**

- Handle responsibilities of designing industrial and utility power systems.
- Perform the tasks of designing power distribution, grounding, motor control, lighting, control systems and protection systems
- Responsible for developing electrical design specifications and drawings
- Handle the tasks of reviewing electrical design calculations and construction documents
- Develop cost basis for design effort and estimate construction cost
- Handle responsibilities of conducting field investigations and preparing facility condition assessments
- Responsible for monitoring and supervising staff including junior engineers and CADD personnel

**April 6, 2006 – February 10, 2007**

**MCCD Company**

P. Burgos St. Cor. D. Silang & C. Tirona  
St. Batangas City, Philippines

**Engineering Maintenance**

**Duties and Responsibilities:**

- Assure optimization of the Maintenance Organization structure
- Analysis of repetitive equipment failures
- Estimation of maintenance costs and evaluation of alternatives
- Forecasting of spare parts
- Assessing the needs for equipment replacements and establish replacement programs when due
- Application of scheduling and project management principles to replacement programs
- Assessing required maintenance tools and skills required for efficient maintenance of equipment
- Assessing required skills required for maintenance personnel
- Reviewing personnel transfers to and from maintenance organizations
- Assessing and reporting safety hazards associated with maintenance of equipment

**August 23, 2004 – February 23, 2005** **JGSUMMIT Petrochemical Corporation Power Plant**

Simlong, Batangas City, Philippines

**Packaging Operator Engineer**

**Duties and Responsibilities:**

- Work with operations and quality to design and implement improved finished product packaging.
- Help with identifying the best ways to crate and package for shipment by land, sea and air our products for shipment and storage.
- Assist in packaging and other related items, safely and efficiently, with emphasis on skidding and crating product for shipment □ Service and maintain equipment.
- Prepare product documentation, give presentations and writing reports.
- Make prototypes and models of products.
- Liaise with other design team members.
- Liaise with contractors and clients.
- Design products and systems.

**June 12, 2003 – Oct. 20, 2003**

**National Power Corporation (TRANSCO)**

**Batangas Substation**

Mahabang Parang, Batangas Station

Philippines

**Cadet Engineer**

**Duties and Responsibilities:**

- Involved in a project from the concept and detail of the design to implementation, testing and handover
- Involved in maintenance programs.
- Identify requirements of the customer.
- Design products and systems.
- Read technical drawings and design specifications.
- Research appropriate solutions and estimate timescales and costs.
- Make prototypes and models of products.
- Liaise with other design team members.
- Liaise with contractors and clients.
- Attend on site meetings.
- Design and conduct tests.
- Design, analyze and interpret test data.
- Propose modifications and retest products.
- Qualify the final system or product.
- Service and maintain equipment.
- Prepare product documentation, give presentations and writing reports.
- To monitor a product that is in market so as to improve its future design.

**SPECIAL SKILLS**

- Knowledge in different processes of meter reading, familiarity with the different substation tools and equipments, and fundamentals of substation actual electrical control operation
- Knowledge on the basic manufacturing procedure for the mass production printed circuit board
- System Software – Microsoft Office 2000 and XP, Autocad
- Complies with the highest level of safety during all stages of work to avoid any type of incidents and or accidents. Take reasonable care of own health and safety and that of others in the workplace.
- Complies with all statutory requirements connected with the implementation of project.

- Practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.
- Circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
- Arithmetic, algebra, geometry, calculus, statistics, and their applications.
- Structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar
- Design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models
- And prediction of physical principles, laws, their interrelationships, and applications to understanding fluid, material, and atmospheric dynamics, and mechanical, electrical, atomic and sub- atomic structures and processes.
- Transmission, broadcasting, switching, control, and operation of telecommunications systems.
- Raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- To manage the electrical installation project Electrical Industry; Refinery, Mining and Combine Cycle work on site, Field Design Electrical System precommissioning installation. Supervise Installation of High voltage equipment for Switchyard, Transmission line and, Substation. Medium and low voltage Switch gear, Circuit Breakers and MCC with controls and relay systems.
- Monitoring and administering the QA/QC Plan or Program and ensuring incorporated materials on construction projects are in compliance with the plans and specifications.
- Assuring that the work is performed as required by the contract and meets or exceeds the required qualities.
- Assuring the acceptable quality of materials, processes, and workmanship in the project work.
- Following up the concreting works in a presence of the Engineer or Consultant, slump test and cubes preparation for the compressive test.
- Finishing work checking in a presence of the Engineer or Consultant, block, plaster, painting, tiling, kitchen cabinets, wardrobes, ceiling and light fittings.
- Maintain standards of safety and comply with Company's Health, Safety and Environment Management System requirements.
- Follow and maintain Company standards of Quality in accordance with Company Quality System requirements.
- To coordinate with construction crew for on-going civil/structural activities, including but not limited to excavation, backfilling, compaction, rebar inspection, formwork inspection, Field Density Test, concrete pouring, asphaltting, etc.
- To review the relevant documents prior to start of construction e.g. IFC, project specification etc.
- Must be able to do inspection of structural steel fabrication, erection till final inspection.
- Must have experience in pre-engineered building erection.
- To initiate the RFI's for Client's witness of inspection points as per ITPs.
- To be more proactive to construction crew for advising to correct the activities this could lead to non- conformance.

## **AFFILIATIONS**

- Member, Junior Institute of Integral Electrical Engineer (JIIEE), 2000 - present
- Member, Association of General Engineering Students (AGES), 1998 – 1999

## **SEMINARS ATTENDED**

July 9, 2002

### **Electrical System Distribution for Commercial & Industrial Building**

Engr. Armando A. Plata

Batangas State University, Pablo Borbon Campus 2  
Alangilan, Batangas City, Philippines

August 15, 2002

### **Auto – Computer Aided Design (ACAD)**

Engr. Reynaldo F. Casao

Batangas State University, Pablo Borbon Campus 2  
Alangilan, Batangas City, Philippines

September 5, 2002

### **Basic Instrumentation Fundamentals**

Mr. Filipino C. Sonido

Batangas State University, Pablo Borbon Campus 2  
Alangilan, Batangas City, Philippines

March 15, 2003

### **Substation Engineering Seminar**

Engr. Camilo B. Regacho

Batangas State University, Pablo Borbon Campus 2  
Alangilan, Batangas City, Philippines

September 29 – 30, 2003 **Manufacturing Specialist Training Seminar**

Ms. Romelette A. Batiguin  
Photocircuits Philippines Inc.  
First Philippine Industrial Park  
Sta. Anastacia, Sto. Tomas, Batangas, Philippines

February 08 – 28, 2010 **Occupational Engineering, Safety & Health Seminar**

Mr. Bijay Kuamr Rai  
CBT Supervisor  
Pearl Village Training Centre  
Ras Laffan, Qatar

January 21 – Apr. 07, 2011 **Occupational Engineering, Safety & Health Seminar**

Mr. Rogel Dela Roca  
Leadership Trainer  
Pearl Village Training Centre  
Ras Laffan, Qatar

**PERSONAL BACKGROUND**

Age:	40	Sex:	Male
Date of Birth:	March 22, 1981	Civil Status:	Married
Place of Birth:	Batangas City	Citizenship:	Filipino
Religion:	Roman Catholic	Height:	5'4"
Language:	English, Arabic and Tagalog	Weight:	70 kgs.

**CHARACTER REFERENCE**

**Mr. Sharif Emara**

**UNICORP / BEMCO**

Executive Director / GM

Jeddah, K.S.A.

**Mr. Rino Lee Graciano**  
**SHADE Corporation Ltd.**  
QC Manager  
Dammam, K.S.A.

**Mr. Vladimir Libunao**  
**SHADE Corporation Ltd.**  
QA/QC Manager  
Dammam, K.S.A.

**Mr. Ibrahim Hassan**  
**SHADE Corporation Ltd.**  
CEO  
Dammam, K.S.A.

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



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**MERVIN C. MACATANGAY**

*Applicant*