



CURRICULUM VITAE OF ROBERTO R. MIRANDA

POSITION: QA/QC MANAGER	PASSPORT NO: VV0173484
DATE OF BIRTH: 06 Dec. 1958	NATIONALITY: PILIPINO

EDUCATION, QUALIFICATIONS & TRAINING	
TITLE	DETAILS
EDUCATION	<ul style="list-style-type: none"> • BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING (BSEE) University of Perpetual Help (Formerly Perpetual Help College of Rizal) Las Pinas Metro Manila, Philippines. (1981- 1986) • Professional Regulation Commission License No. 0009707 • GENERAL RADIO COMMUNICATION OPERATOR (GRCO) Tolentino Technical Institute, Quezon City, Metro Manila, Philippines.(1977– 1979)
QUALIFICATIONS	<ul style="list-style-type: none"> ➤ QA/QC Manager for AL NABOODAH MEP (LLC) Dubai, UAE. ➤ ARAMCO approved QA/QC Manager with <u>SAP# 70005753 & ID# 8781958</u> ➤ ISO 9001:2000 Awareness and Internal Auditor Qualified. ➤ ARAMCO VID & PID approved QA/QC SUPERVISOR. ➤ Over 27 years of working experience with 15 years in QA/QC related jobs. ➤ Competent QA/QC Foreman/ Supervisor. ➤ Reliable Electrical/Electronics/Instruments QA/QC inspector ➤ Molded for rendering high quality engineering services and responsibilities. ➤ Well versed in engineering, technical support, construction, inspection, testing & commissioning, plant start-up and quality procedures. ➤ Familiar with Electrical & Instrumentation specifications, International Codes & Standards and Area Classification. ➤ Computer Literate of some ms office software. ➤ Knowledgeable of Protection relays for substation, switchgear, control gear, mcc, Generator, motors, power & control cables and other electrical equipments, ➤ Familiar of Calibration, PLC, Automation, Controls, electro- mechanical, X-ray, Beta & Gamma ray & preventive maintenance. ➤ Hand-on experience on substation, transformer, switchgear, control gear, mcc, generator, motors, power & control cables and instruments, Cathodic protection, HVAC, SCADA, DCS, control installation and troubleshooting. ➤ Let irate of International Code & standards as well of Aramco Standards; NEC, IEC, ANSI, NACE, ICEA, IEEE, NEMA, ACI, ISA, ASTM, ASME, API, PIP, AWS, ASHRAE, SMACNA, AWWA, NFPA, UPC & ETC.
SPECIALIZED TRAINING / SEMINARS	<ul style="list-style-type: none"> ➤ ISO 90001:2000 Quality Management system (Dammam, Saudi Arabia) ➤ QA/QC Supervisory and Development Training(GARMCO-Bahrain) ➤ QA/QC Supervisory and management Training(Reynolds-Philippines) ➤ Electrical/Electronics QA/QC Skill Up-Grading(Meralco Foundation) ➤ Fire fighting and hazardous area safety training(Phils. & Bahrain)

EMPLOYMENT RECORD / WORK EXPERIENCE		
PERIOD	COMPANY	DETAILS

SYNOPSIS OF PROFESSIONAL WORK EXPERIENCE

- Achieved a total of 26 years working experience in the field of Electrical, electronics, Instrumentation, calibration, civil and mechanical projects for industrial, oil & gas, military and engineering projects.
- Highly experienced in using test equipment for Low Voltage & Medium Voltage up to 115 KV system.
- Verification/Calibration of various electrical/electronics/instrument and radio active precision test and measuring equipments utilized in military, oil & gas, commercial airlines, telecommunication, hospitals and industrial companies.
- Troubleshooting, repair, modification and adjustment of various electrical/electronics/instrument control system, machineries, test and measuring equipments.
- Operation monitoring and maintenance of plant wide various cost centers.
- QA/QC supervision of contractors/sub-contractors rendering services and maintenance works.
- Initiating working safety precaution in multi-level hazardous area.
- Project study and recommendation for maximum cost saving without compromising the quality and safety standard.
- Preparation of Inspection test packages, testing & commissioning plans and procedures for major Electrical equipments and High Voltage Motors up to 9.5 MW.
- Loop checking of Electrical and Instrumentation interface from DCS Control panel to field equipments and devices.
- Pre-installation inspection of Power/distribution transformer, Switchgear (HV/MV/LV), Motor control centers and controls as per QA/QC standard and international code procedures.
- Testing and commissioning of substation equipments not limited to power/distribution transformer, switchgear, MCC, control, fire alarm system and sensors link to DCS, using precision and calibrated test and measuring equipments.

<p>Nov.2008 – at Present</p>	<p>AL NABOODAH CONST. GROUP / M.E.P.(LLC) DUBAI, UAE</p>	<p>Position: QA/QC Manager Duties & Responsibilities:</p> <ul style="list-style-type: none"> ➤ Ensuring that quality implementation are fulfill as per approved project quality plan, project specification, local & international standards and satisfied client’s requirements. ➤ Other responsibilities are stated below.
<p>May 2007 to July 2008</p>	<p>IMAD CO. SAUDI ARAMCO CONTRACTOR Al-Khobar,KSA.</p>	<p>Position: QA/QC Manager Duties & Responsibilities</p> <ul style="list-style-type: none"> ➤ It is the responsibility of the QA/QC Manager to ensure that a suitable Quality Plan for the Contract Project is developed and approved by Saudi Aramco and Implemented in the project. ➤ To provide/compiled the following Project Record Books; Design Calculation Book, Vendor Equipment Operating Instruction & Maintenance manual, Vendor Inspection Record Books, Plant Inspection Book, Construction Inspection Records Book & Pre-Commissioning Record Book. ➤ To develop, coordinate, issue and obtain approval of the Company Quality Manual and the Quality Plan of the Project; ➤ To review, evaluate and audit the effectiveness of the Quality System;

EMPLOYMENT RECORD / WORK EXPERIENCE		
PERIOD	COMPANY	DETAILS
	<p>IMAD CO. SAUDI ARAMCO CONTRACTOR Al-Khobar,KSA. (Additional Responsibility)</p>	<ul style="list-style-type: none"> ➤ To verify the compliance of the work output with the specifications, standards and conditions specified in the contract; ➤ To identify areas of non-conformance and initiate, recommend and substantiate corrective actions; ➤ To investigate the root causes of non-conformances and recommend solutions to prevent recurrence of the non-conformances; ➤ To ensure that Work Procedures and ITP's are prepared and submitted for Saudi Aramco Approval at least 30 days prior to start of the activity; ➤ To seek Company's Senior Management intervention in the resolution of Quality Problems that cannot be resolved at the site; ➤ To ensure that Management reviews are conducted at planned schedules but not exceeding 6 months between reviews; ➤ To ensure that Internal Audits are conducted as required by the contract; ➤ To prepare and submit reports required by the project, such as: Monthly Quality Management Report, Two-Week Look Ahead inspection schedule; ➤ To ensure that the forms and reports are adequate to document the conformance of the material or work performed to the project requirements. <p>Position: QA/QC Supervisor</p> <p>Duties and Responsibilities:</p> <ul style="list-style-type: none"> ➤ Responsible for the implementation of project quality management impose on design, procurement, construction/installation and pre-commissioning. ➤ Responsible for the supervision of the relevant discipline inspectors. ➤ Maintaining the daily input to QC log book, identifying any areas of concern raising proactive and non-conformance reports as necessary. ➤ Ensuring that the discipline inspectors have access to the necessary standards, specification and drawings to effectively monitor the construction activities. ➤ Review the activity inspection reports, NTI, RFI ,NCR, other documents and log book entries to ensure they are concise and complete as per Aramco prescribe requirements. ➤ Responsible for the management of Independent Test Agencies to ensure they are suitably trained and qualified personnel on-site and that their equipments are satisfactorily maintained and calibrated. ➤ Preparation of weekly and monthly quality management report. ➤ Ensure compliance of schedule "Q" & other applicable Aramco Standards. ➤ Monitoring of two week look ahead inspection activities and likewise of fillings and documentation.

EMPLOYMENT RECORD / WORK EXPERIENCE		
PERIOD	COMPANY	DETAILS
		<p>CLIENT/PROJECT INVOLVED:</p> <ul style="list-style-type: none"> ➤ ABQAIQ PLANTS-Replacement of obsolete electrical distribution equipments. Contract # 6600016578 / BI-10-03082.
Feb. 2006 to Feb.2007	AMSYCO NDT / INSPECTION Co., LTD AL Khobar, K.S.A.	<p>Position: Vendor(Client)Inspector – Electrical / Instrumentation</p> <p>Duties and Responsibilities:</p> <ul style="list-style-type: none"> • Be certain that accurate and complete technical documents are available and properly supplied from the client to perform the inspection activities. • Careful review of the “ IAP “ (Inspection Assignment package) which are the PO’s, documents, pre-inspection meeting (PIM), minutes of meeting (MOM), revision, waiver and specification for said PO’s or contract. • Study and analyzed carefully the “ ITP ”(inspection and test plan), Aramco form 175 (inspection and test requirements) that proper description, specification, procedure, materials, production, test and quality are according to international code and standards and conform to the agreed contract. • Knowing the level of inspection to be carried out as set up by the client / end user agreement, according to project situation or criticality. • Verify that the equipments and instruments to be utilized for executing the routine, production test are controlled, suitable and calibrated. • Check / verify the test, material, laboratory certificates and confirm that the results comply to the specification and international code & standards. • Review, stamped and countersign all the pertinent certificates with satisfactory result and quality records to be filed in the manufacturing record book (MRB). • Issuance of “ IRC”(inspection release certificate) after the inspection done with satisfactory result on workmanship, quality, code and standards conformance and as per PO’s specification requirements. • Forwarding / emailing the copy of IRC, IR(inspection reports) and test certificates to the client, as confirmation for the delivery / shipment of inspected items to end user. <p>CLIENT / PROJECTS INVOLVED:</p> <ul style="list-style-type: none"> ➤ JGC (JAPAN GAS CORPORATION) / JCP (JUBAIL CHEVRON PHILIPPS PROJECT), Jubail, Saudi Arabia. ➤ JGC / NIGERIA – GAS PLANT EXPANSION, NIGERIA ➤ SNAMPROGETTI / SAUDI ARAMCO HAWIYAH NGL PROJECT(GTC). Hawiyah, Saudi Arabia. ➤ TECHNIP / YEMGAS LNG PROJECT- YEMEN LNG PLANT, YEMEN. ➤ BECHTEL/TECHNIP JOINT VENTURE – KHURSANIYAH GAS PLANT,K.S.A.

EMPLOYMENT RECORD / WORK EXPERIENCE		
PERIOD	COMPANY	DETAILS
Jan.1996 to June 2005	Qatar Air Force (Qatar armed forces, Doha Qatar)	<p>Position: Calibration Engineer / Engineering Support</p> <p>Duties and Responsibilities:</p> <ul style="list-style-type: none"> • Supervision for Testing and Commissioning of stand by generator and auxiliaries for metrology laboratory. • Testing and commissioning of Medium and Low voltage switchgear with motor control center including but not limited to its protective devices, numerical and micro processor base relays, variable speed controllers and motion detectors with sensors. • Check, verify and functional test interface control and monitoring system between Electrical and Instrumentation equipments and devices within the process and utility areas thru DCS. • Verify and monitor Electrical & Instrumentation installation and materials as per approved construction drawings and applicable international codes and standards. • Perform inspection, testing and commissioning of HV/LV system at Substation including GIS, Vacuum Breakers, Power Transformers, Motor Control Center with Motor Managers, Motors, Submarine Cables, Electrical Heat Tracing, Cathodic Protection, Grounding, Optical Fiber and Communication system, Fire & Gas, Lightings, UPS/Battery Charger. • Maintaining metrology laboratory environment through automated control of Chillers, HVAC and AHU. • Restoring equipments serviceability to highest traceability link to international recognized standard like LNE, LCIE and BNM. • Verification/Calibration of electrical/ electronics/ instrument test and measuring equipments for various field of utilization; like in military, aviation, commercial airlines, private and commercial telecommunication, industrial, gas and oil fields and manufacturing entities.
Jan. 1987 to June 1995	GARMCO(Gulf Aluminum Rolling Mills Co.)Bahrain	<p>Position: Shift Foreman / Engineering Support</p> <p>Duties and Responsibilities:</p> <ul style="list-style-type: none"> • Participate in every innovation, modification, design, installation, preventive maintenance, testing and commissioning of various electrical/electronic/ instruments equipments. • Check and review engineering and design drawings/documents for construction coordination and quality plans. • Verify and monitor Electrical & Instrumentation installation and materials as per approved construction drawings and applicable international codes and standards. • Inspection, testing and commissioning of protection relays and instrument control system. • Perform inspection, testing and commissioning of HV/LV system at Substation including GIS, Vacuum Breakers, Power Transformers, BusDuct (NSBD & PSBD), Motor Control Center with Motor Managers, Motors, Submarine Cables, Electrical Heat Tracing, Cathodic Protection, Grounding, Optical Fiber and Communication system, Fire & Gas, Lightings, UPS/Battery Charger. • Inspection, Loop check and function testing from DCS panel and field mounted Instrumentation equipments e.g. Gas metering skid, Lube Oil system, Transmitters, Transducers, Control Valves, Controllers, Recorders, Thermocouples/RTD, Vibration Monitoring Devices and Variable Frequency Drives. • Prepare and issue punch list and nonconformity report for non-compliance installation and testing. • Responsible of plant wide cost centre operation monitoring, preventive

EMPLOYMENT RECORD / WORK EXPERIENCE		
PERIOD	COMPANY	DETAILS
		<p>maintenance, safety and security measure in all related works.</p> <ul style="list-style-type: none"> • Installation and maintenance of controls, relays and sensors for electrical/electronics/instrument equipments but not limited to HVAC, boiler, compressor, dryer, conveyor, blower, vacuum pump, desalination, water treatment, sewage treatment, furnaces, annealing oven, gas station, gauging devices, roll grinders and machine shop. . • Supervision for the installation of electrical equipment at Substation (Transformers, HV/LV Switchgears, Distribution Panels) and other related works. • Troubleshooting and repair of plant's equipments and other electrical system.
April 1980 to January 1987	Reynolds Philippines Corp. Dasmarias, Cavite, Philippines	<p>Position: Electrical Foreman / Engineering Support: Duties and responsibilities:</p> <ul style="list-style-type: none"> • Coordinates with supplier for testing and commissioning of Electrical Equipments for Substation with Fieldbus monitoring and interface with Instrumentation system. • Verify all protection relay set points base on agreed design for relay coordination settings. • Prepare Testing and Commissioning plans and procedures. • Verify and check all Electrical equipment's graphical indication and status at DCS panel. • Prepare documentation for QA/QC audit. • Check and review As-Built drawings for final documentation. • Supervision of electrical erection at site such as HV Switchgears and Transformers including its primary and secondary cable termination and inter-panel wirings for control and protection system, installation for grounding, cathodic protection, communication, heat tracing, fire alarm, electrical equipment, conduits, cables and terminations. • Preparation of electrical design and estimation to upgrade power system and equipment controls. • Planning & scheduling for periodic and preventive maintenance of electrical equipment, instruments and process control system including industrial automation. • Check & functional test of switchgear, transformer and MCC during plant commissioning and shutdown. • Installation and maintenance of controls, relays and sensors for electrical/electronics/instrument equipments but not limited to HVAC, boiler, compressor, dryer, conveyor, blower, vacuum pump, desalination, water treatment, sewage treatment, furnaces, annealing oven, gas station, gauging devices, roll grinders and machine shop. . • Supervision for the installation of electrical equipment at Substation (Transformers, HV/LV Switchgears, Distribution Panels) and other related works. • Troubleshooting and repair of plant's equipments and other electrical system.