



Résumé

As of:
13-Mar-24

NAME	Rudy Rempis Murillo
NATIONALITY	Filipino
CAREER SUMMARY:	
More than 30 years of professional experience in power plant operation, maintenance for power generation industry sector and project management of the railways for the several overseas companies.	

SUMMARY
<ul style="list-style-type: none">• Extensive knowledge and experience in project management, construction and implementation of railway project, combine cycle power plant project and aluminum project.• Expertise in operation of diesel power plant, gas turbine, substation, water treatment and auxiliary equipment's of industrial plant.• Manage and oversee preventive maintenance of all electrical equipment's in the plant.• Manage the quality inspection of MEP works at site.• Languages: English and Arabic.

EDUCATION	
Course	School
Bachelor of Science in Electrical Engineering	Holy Angel University, Pampanga, Philippines, 1981 – 1986

DETAILED WORK EXPERIENCES		
1)	Duration:	August 2019 up to present
	Position:	ELECTRICAL ENGINEER
	Company:	Remal Al Sawahel Contracting and Maintenance Company
	Location(s):	Riyadh, Saudi Arabia
	Project(s):	Saudi Telecommunication Company (STC-HQ) <ul style="list-style-type: none">• Assist to carry out the day-to-day execution of operations and

		<p>maintenance programs to ensure uninterrupted operations and that asset integrity (cleanliness, HVAC, M&E rooms, etc.) is maintained either directly or via building automation systems.</p> <ul style="list-style-type: none"> • Develop an understanding of all building equipment and systems • Assist in maintaining the Preventative Maintenance Programs, Work Orders and Building Inspections.
2)	Duration:	January 2015 to January 2019
	Position:	ELECTRICAL QA/QC INSPECTOR
	Company:	Systra (Riyadh Metro Transit Consultant- Client)
	Location(s):	Riyadh, Saudi Arabia
	Project(s):	Riyadh Metro Project, Riyadh, Saudi Arabia
	Responsibilities:	<ul style="list-style-type: none"> • Supervision and inspection of Electrical Works as per approved with Method of statements and procedures. • Safe execution of works in my working area. • Daily and weekly progress reports and updates site progress and reporting to Resident Engineer. • Monitoring progress of work to ensure timely completion without any cost and time overrun. • Site record keeping for inspections, procedures and approved drawings. • Recheck and review the billing for the electrical quantities at site.
3)	Duration:	July 2013 to July 2014
	Position:	ELECTRICAL FOREMAN
	Company:	Saudi Cement Company
	Location(s):	Hofuf, Saudi Arabia
	Project(s):	Power Plant, Captive power plant 3x 36MW GE Frame 6B and BBC Power Plant 3x 25MW BBC Type 9 Gas Turbine.
	Responsibilities:	<ul style="list-style-type: none"> • Performed the preventive maintenance program of all the electrical equipment's in power plant area. • Carried electrical work and arranged the materials and spare parts required to perform the work as PTW (permit to work). • Provide all necessary support to technicians to carry out troubleshooting and maintenance activities. • To ensures all work is completed in a safe, timely and cost effective manner and according to the planned schedules.

		<ul style="list-style-type: none"> Withdraw materials and spare parts in the warehouse using oracle system- Enterprise Asset Management (EAM). Assigned in Cement Plant to carried out electrical work, including preventive maintenance of substation electrical equipment's, MCC panel, motors and transformers.
4)	Duration:	August 2010 to October 2012
	Position:	ELECTRICAL ENGINEER
	Company:	Bin Samar Contracting Company
	Location(s):	Malaz, Riyadh , Saudi Arabia
	Project(s):	Military Industries Corporation, 94.4MW AEG GAS TURBINE POWER PLANT AND 300MW SEIMENS FREQUENCY CONVERTER STATION.
	Responsibilities:	<ul style="list-style-type: none"> Responsible for the operation and maintenance of six units SIEMENS frequency converter. Performed corrective and preventive maintenance of AEG- Gas Turbine Power Plant Evaluate the existing electrical system on site and recommend upgrading or replacement. Conduct preventive maintenance inspection of all electrical equipment's. Conduct the testing and commissioning of compressor air filter fan motors which is connected to star-delta.
5)	Duration:	September 2008 to December 2009
	Position:	ELECTRICAL QA/QC ENGINEER
	Company:	Novello, Qatar
	Location(s):	Messaeid, Qatar
	Project(s):	Messaeid Power Company 2,000MW COMBINE CYCLE POWER PLANT AND QATAR ALUMINUM.
	Responsibilities:	<ul style="list-style-type: none"> Preparing of Inspection Test Plans (ITP) as per specification and client requirements, and completing all QA / QC documentation related to work. Preparing and issuing RFI's for technical queries about construction difficulties, job specification and single line diagram and electrical circuits analysis.

		<ul style="list-style-type: none"> Coordinates and report directly to QC Manager, about the inspection queries problem to rectify any activity in violation of Proponent Standards prior to RFI inspection. Update inspection status of all area regarding electrical works. Performed the meggering of electrical power and instrument control cables
6)	Duration:	April 2001 to June 2008
	Position:	SHIFT IN-CHARGE / LOCAL CONTROL ROOM OPERATOR
	Company:	Tabuk Cement Company
	Location(s):	Dubah North, Saudi Arabia
	Project(s):	Power and Desalination Plant, 45.5MW DIESEL POWER PLANT AND 1,500 TONS/DAY MULTI EFFECT DESALINATION.
	Responsibilities:	<ul style="list-style-type: none"> Plans and makes decisions based on the available capacity and the required demand by the Cement Plant, for the startup and shutdown of the engine Operates 7 units by 6.5 MW MaK diesel Engine Type 6M601C in line and it's auxiliaries using SCADA Control System. Monitors the steam produced by (2) two Auxiliary Boilers "Beel Industries Boilers" with a capacity of 8.5 tons/hr. type three pass-wet back and (7) seven Clayton Exhaust Gas Boilers with a capacity of 2.4 tons/hr. Keeps all parameters in their required conditions by following the standard operation procedures through the actual readings and computerized monitoring system. File ups the damaged report for any failure of the equipment.
7)	Duration:	June 1996 to May 1999
	Position:	ELECTRICAL TECHNICIAN / BALANCE OF PLANT OPERATOR
	Company:	Electricity Corporation
	Location(s):	Hail, Saudi Arabia
	Project(s):	Power Generation , 500MW WESTINGHOUSE GAS TURBINE POWER PLANT
	Responsibilities:	<ul style="list-style-type: none"> Received instructions from Central Control Room (CCR) or shift supervisor pertaining to shift operation. Monitored the fuel tank gauges and maintain sufficient fuel levels to prevent high and low level alarms from being activated. Operated the reverse osmosis in water treatment plant and takes log readings. Responsible for the chemical solution mixing ratio needed in water treatment plant such as pre-chlorination, inhibition, acidification, calcification, post chlorination and recarbonation.

		<ul style="list-style-type: none"> Monitored equipment such as pumps, crude oil heaters, distillate heaters, coalescers and instrument air compressors for any abnormalities and to ensure its reliable operation.
8)	Duration:	July 1994 to November 1995
	Position:	SUBSTATION OPERATOR
	Company:	Saudi Consolidated Electric Company
	Location(s):	Abha, Saudi Arabia
	Project(s):	Power Transmission and Distribution, 132/33KV and 33/13.8KV SUBSTATIONS
	Responsibilities:	<ul style="list-style-type: none"> Operated 132/33 KV and 33/13.8 KV substations under the standard operating procedure. Performed preventive maintenance in the substations: a) servicing of oil circuit breaker (Fuji type) and gas circuit breaker SF6 (ASEA), b) cleans the battery cells, takes the specific gravity as well as the volts/cell of each battery, and record it in the log book for reference in the next preventive maintenance schedule (PMS). Assisted in doing the construction of the underground cable connected to the mobile transformer breaker going to the distribution pole. Assisted in doing the termination of 33 & 13.8 KV outgoing feeder cable to the terminal pole. Filtered oil of power transformers (PAUWELS & ASEA) with rating capacities of 5, 10, 15 & 20 MVA.
9)	Duration:	December 1991 to November 1993
	Position:	POWER PLANT /GAS TURBINE OPERATOR
	Company:	Ministry of Defense and Aviation
	Location(s):	Hafar, Al- Batin, Saudi Arabia
	Project(s):	Power Plant, KONGSBERG 4.5MW GAS TURBINE POWER PLANT
	Responsibilities:	<ul style="list-style-type: none"> Operated the KG-2 Gas Turbine and its auxiliaries under the standard operating procedure. Constantly maintained and watched the process and the operation of all equipment during the tour of duty. Changed the air filter intake pads for turbine and ventilation if in case the air filter pressure dropped. Cleaned the air filter house and lubes oil cooler every 14 days. Boosted the chargers batteries 24VDC and 48 VDC for 1 hour every 14 days.
10)	Duration:	December 1987 to June 1991

	Position:	ELECTRICAL OPERATOR
	Company:	Saudi Consolidated Electric Company
	Location(s):	Sharorah, Saudi Arabia
	Project(s):	Power Plant II, 33MW MWM DEUTZ DIESEL POWER PLANT
	Responsibilities:	<ul style="list-style-type: none"> • Operated the manual and remote switches, circuit breakers and other controls on switch boards and distribution panels to perform necessary electrical power control and distribution functions such as connecting and disconnecting units from the load. • Synchronized newly started units with the system. • Adjusted engine and generator controls to maintain proper engine power voltage amperage, cycling and synchronization. • Balanced the loads of all running units and handled the loading dispatch. • Took the hourly readings and recorded the actual status of all running units
11)	Duration:	March 1981 to April 1986
	Position:	POWER PLANT OPERATOR
	Company:	Basa Air Base Central Power Plant
	Location(s):	Pampanga, Philippines
	Project(s):	Power Plant
	Responsibilities:	<ul style="list-style-type: none"> • Operated the governor dial settings • Identified and recorded the engine operation malfunctions such as lack of electrical power. • Operated the engine auxiliaries. • Maintained and observed the adequate engine performance and other engine instruments. • Operated the control switches to generate and distribute the electrical power

TRAININGS / SEMINARS ATTENDED

1. Optimized Substation Automation System For HV Power Transformer Protection

Institute of Integrated Electrical Engineers of the Philippines, Inc. - Central Region Chapter, KSA
White Palace Hotel, Riyadh, Saudi Arabia
July 10, 2015

2. Simplified Short Circuit Calculation

Institute of Integrated Electrical Engineers of the Philippines, Inc. - Central Region Chapter, KSA
White Palace Hotel, Riyadh, Saudi Arabia

April 3, 2015

3. Basic Programmable Logic Controller (PLC) - Programming with Simulation

Institute of Integrated Electrical Engineers of the Philippines, Inc. - Central Region Chapter, KSA
White Palace Hotel, Riyadh, Saudi Arabia
February 11, 2011 and March 4, 2011

4. Solar Power System and Batteries

Institute of Integrated Electrical Engineers of the Philippines, Inc. - Central Region Chapter, KSA
White Palace Hotel, Riyadh, Saudi Arabia
February 25, 2011

5. Basic Cellphone Repair

Department of Trade and Industry
Philippine Trade Training Center - Sen. Gil J. Puyat Avenue corner Roxas Boulevard, Pasay City
June 25, 2010

6. LV Distribution System Design Power

7. Short Circuit Calculation

8. Philippine Electrical Code

Millineum Hotel (Al- Sadd),Doha- State of Qatar
December 4, 2009

9. Industrial Machine and Control

Technical Education and Skills Development Authority
East Service Road South Super-highway, Taguig, Metro Manila
June 19 to August 7, 1999

10. Operation of 3xKG2 Kongsberg Gas Turbine

Delta Electro Mechanic Training Center - Power Station for Prime Power Generation
Hafar, Al-Batin, K.S.A.
May 24, 1992

11. Welder's Refresher Course

Engineering Equipment, Inc. Libis, Quezon City, Philippines
February 15-21, 1987