

# RETCHIE ROMERO REYES

#L20 B10 109 St.Greenplains Subd. Sincang-Airport

Bacolod City 6100, Negros Occidental

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**SUMMARY** Multifaceted, driven and highly motivated seeking full time position in Engineering. Bring me years of progressive experience in *Preventive Maintenance and Calibration of medical equipments, Corrective Maintenance, Quality management, Cause Analysis, Planning and Acquisition of medical equipment. And working with various equipments and tools.* A very responsible, independent, self-motivated, hardworking, can finish deadlines on time, and willing to learn.

## EMPLOYMENT HISTORY

### Senior Clinical Engineer

October 12, 2010 – October 12, 2018

DR. ERFAN AND BAGEDO GENERAL HOSPITAL (JCI)

King Fahad St. (Al Sitteen)  
P.O. Box 6519 Jeddah 21452 – Kingdom of Saudi Arabia  
Tel no.: (96) 603-8888 ext. 1847

- Responsible for maintenance of High Risk Machines. (such as Lasers, Anesthesia Units, Ventilators, ESU, etc.)
- Performed Preventive and Corrective Maintenance in accordance to ECRI/ manufacturing standards.
- Performed Hospital Equipment Calibration and Repair.
- Performed Asset Management.
- Performed Parts Replacement Resourcing.
- Performed statistical and departmental reports.
- Performed evaluation of demo and new medical devices to purchase
- Planning equipment /medical devices acquisition.
- CMMS maintenance,
- Perform "Occurrence Variance Report" investigation and implementation of actions.
- Communicate with company and other resources.
- Train biomedical technician/ engineers apprenticeship.
- Testing and Quality Assurance of Medical Gas
- Special Projects: Supervise the progress of construction of 5-storey building (including plumbing, electrical, medical gases, equipment locations, room designs and furniture's) and perform final acceptance after.
- Quality Assurance Designee: Investigate and implement preventive actions for incident events.

### Supervisor, Biomedical Services Team

November 01, 2011 - September 01, 2011

DR. ERFAN AND BAGEDO GENERAL HOSPITAL (JCI)

King Fahad St. (Al Sitteen)  
P.O. Box 6519 Jeddah 21452 – Kingdom of Saudi Arabia  
Tel no.: (96) 603-8888 ext. 1847

- Supervise and assist Biomedical Service Team.
- Scheduling of Biomedical Technicians and Engineer duties.
- Approving of Biomedical Service Team Preventive and Corrective Maintenance reports.
- Reviewing the workload of Biomedical Service Team.
- Responsible for quality assurance and occurrence variance reporting.
- Asset Management
- Monitoring of test equipment functionality and calibration due
- Reviewing the requested spare parts resourcing and procurement.
- Responsible for the program and activities for professional growth and development of the dept.
- Responsible in meeting unit budget, monitoring inventory and proper utilization of supplies.
- Responsible in making statistical and departmental reports.
- Monitor and maintain the facilities and other support equipment.
- Assists the Dept. Manager in the preparation and implementation of the Annual Program for the Eng'g Dept. of the hospital.
- Assists the Dept. Manager in the review of the processes and professional standards of the Engineering Dept.
- Assists the Dept. Manager in ensuring proper carrying out of duties of the departmental staff in order to maintain proper professional and institutional standards for delivery of services.

## **Biomedical Engineer/ Asst. Engineering Dept. Manager**

*September 01, 2007 – October 07, 2010*

BACOLOD ADVENTIST MEDICAL CENTER (ISO 9001:2000)

C.V. Ramos Ave. Taculing Bacolod City  
6100 Negros Occidental, Philippines  
Tel no.: (034) 433-4831 local 426

- Establishing Biomedical Engineering Group in the hospital
- Monitor and implement Quality Management System in compliance with ISO 9001 standards.
- Performed Preventive and Corrective Maintenance in accordance to ECRI standards.
- Performed Hospital Equipment Calibration and Repair.
- Performed Asset Management
- Planning Equipment Maintenance Schedule due for calibration.
- Performed Parts Replacement Resourcing.
- Responsible for the program and activities for professional growth and development of the dept.
- Responsible in meeting unit budget, monitoring inventory and proper utilization of supplies.
- Responsible in making statistical and departmental reports.
- Monitor and maintain use of unit facilities and equipment.
- Assists the Dept. Manager in the preparation and implementation of the Annual Program for the Eng'g Dept. of the hospital.
- Assists the Dept. Manager in the review of the processes and professional standards of the Engineering Dept.
- Assists the Dept. Manager in ensuring proper carrying out of duties of the departmental staff in order to maintain proper professional and institutional standards for delivery of services.

## **Technical Executive – Biomedical Engineer**

*December 15, 2005 – June 08, 2007*

HEALTHTRONICS (M) SDN. BHD.(ISO 9001) – Philippine Branch

1402, 14th floor, Medical Plaza Tower, Amorsolo St cor De La Rosa St.  
1229 Makati City, Philippines  
Tel No.: (02) 889-7697

- Implemented a comprehensive maintenance program and biomedical engineering solution for contracted hospital
- Performed planned preventive maintenance, corrective maintenance and breakdown maintenance for biomedical equipment in accordance with ECRI standards.
- Prepare asset management system for biomedical equipment in a hospital utilizing database management program.
- Prepare detailed unit cost estimates and quantity take-offs of projects for implementation.
- Trained and perform calibration certificates for biomedical equipment in accordance to manufacturer and international standards using calibrated test equipment.
- Prepare weekly reports and monitoring plans of on-going projects.
- Prepare Planned Preventive Maintenance Schedules for biomedical equipment.
- Prepare beyond economical repair reports, commissioning reports, quality assurance reports and acceptance.
- Hospital handled:
  - Total Life Care Medical Center – Olongapo City, Zambales
  - Subic Bay Medical Center – SBMA, Olongapo City
  - Bacolod Adventist Medical Center – Bacolod City, Negros Occidental
  - Manila Adventist Medical Center – Pasay City, Manila
  - Cagayan Valley Sanitarium and Hospital – Santiago City, Isabela
  - Palawan Adventist Hospital – Puerto Princesa, Palawan

## **Repair Engineering**

*May 17, 2002 – May 20, 2005*

OMRON MECHATRONICS OF THE PHILIPPINES

Boton Area, Subic Technopark, SBMA, Philippines  
Tel No.: (047) 252-1490

- Responsible for Quality Improvement of the product, drafting of numerous standards, and quality control.
- Strengthen the Quality Standards by performing product test, inspection, and planning.
- Build solid reputation for effective leadership by implementing process innovative techniques, overseeing business goals, protocols and functions.
- Perform reliability analysis on new and existing designs, ensure integrity and maintain high standards of quality.
- Ensure optimal customer service and satisfaction is afforded in highest attention and priority.

### **Process Engineering**

- Engineering Standards and Design Change Notification (ECN) and Design Change Implementation Report (DCIR)
- Provide technical lectures to the production
- Prepare and organized engineering drawings for production and manufacturing.
- Creating of JIGS for production use.
- Line Balancing and Value Engineering.

### **Line Leader**

- Handling of different Production Lines
- Maintains Worker's Efficiency and Accuracy
- Planning, Leading, Organizing and Controlling of Production Lines.

### **AFFILIATIONS**

- Fire Brigade Member
- Waste Management Member
- Emergency Response Team Member

### **TRAININGS**

**Repair Engineering; Process Engineering**, August 2002  
*Nogata, Japan*

### **ACHIEVEMENTS**

- Certified Class A Inspector in "Japan Inspection Standard"
- 2-time OMRON best employee of the month
- OMRON Most outstanding employee of the year 2002
- Best Improvement Award in August 2002 and January 2003

**SKILLS** Spearheaded in all aspect of Electronics and Troubleshooting, Skilled in Calibration (Medical and Industrial), Process Engineering (Line Balancing, BOM, Engineering Design Change and implementation), Value Engineering (SPC, 7 QC tools, Quality Analysis, 7 sigma). A certified Class A Inspector for Japan Inspection Standard. Knowledgeable also in computer hardware and software such as Turbo Pascal 7, Turbo C, Dbase, Internet Application, PC Networking (LAN), Microsoft Offices, AutoCad, CorelDraw12, Adobe Photoshops, computer peripherals, and data communications. Able to drive a 4-wheel automobile, forklift, and motorcycle.

## **SEMINARS AND TRAININGS**

January 28, 1996 - **Campus Leadership Training**  
December 10, 1999 - **Instrumentation and Control**  
December 17, 1999 - **Signaling System No. 7 and Lightwave Technology**  
January 22, 2000 - **Teleconvergence**  
January 29, 2000 - **Microwave Communication**  
September 2, 2000 - **Lightwave Technology**  
September 2, 2000 - **Dense Wavelength Division Multiplexing**  
September 17, 2000 - **Global System Monitoring For Mobile Communication**  
November 18, 2000 - **Satellite Communication**  
November 18, 2000 - **Wireless Application Protocol**  
December 2, 2000 - **Future Air Navigation System**

January 13, 2001 - **Television Broadcasting**  
January 13, 2001 - **Radio Broadcasting**  
October 18, 2003 - **Quality Analysis**  
November 6, 2003 - **Statistical Process Control**  
March 30, 2004 - **Fire Safety Indoctrination & Actual Firefighting Demonstration**  
November 6, 2003 - **ISO 9001 & 14001**  
October 13-26, 2006 - **Biomedical Equipment Training**  
September 11, 2007 - **Labor Management**  
December 16&23, 2007 - **Basic Life Support**  
November 6, 2009 - **Green Engineering with Graphical Design**  
June 24-25, 2007 - **Industrial Calibration & Measurement In Uncertainty**  
September 02, 2010 - **Heine G5 Sphygmomanometer Certification**  
September 20-21, 2012 - **Rheumatology Symposium 2012**  
December 18, 2012 - **Cardiovascular Professionals Symposium for Nurses and Technologists**  
December 18-20, 2012 - **11 Jeddah Cardiovascular Imaging and Interventions Symposium 2012**  
April 2013 - **Gentlelase Pro Laser System Training (Jeddah, KSA)**  
November 11, 2013 - **Basic Installation Orientation of Fabius Plus (Jeddah, KSA)**  
November 13, 2013 - **Philips Holter Monitoring Sys. & Ambulatory Blood Press. Sys. Training (Jeddah, KSA)**  
January 2014 - **Steris Operating Table Training (Jeddah, KSA)**  
February 2, 2014 - **Maquet Servo-i Service training (Jeddah, KSA)**  
February 5-6, 2014 - **Maquet Servo-i Manufacturer Service Training (Jeddah, KSA)**  
April 5, 2014 - **Quest Medical MPS Technical Training (Jeddah, Saudi Arabia)**  
May 4, 2014 - **Video Nystagmography System/ Air Caloric System/ Examination Couch (Jeddah, KSA)**  
September 24-26, 2014 - **Fabius Family Technical Training (Lubeck, Germany)**  
May 5, 2016 - **FLUKE Gas flow analyzer/ electrosurgical analyzer/ electrical safety analyzer/ incubator analyzer/ patient simulator/ infusion device analyzer (Jeddah, KSA)**  
September 2015 - **Nidek Optal Biometer AI-Scan/ Haag-Streit Perimetry Octopus 600 Training (Jeddah, KSA)**  
September 2015 - **GE Avance CS2 Anesthesia System**  
October 18-19, 2015 - **Siemens Cios Alpha**  
November 21-24, 2015 - **Fundamentals of Improvement**  
November 24, 2015 - **IHI - The Model of Improvement**  
November 24, 2015 - **IHI - The Model of Improvement: Your Engine for Change**  
November 24, 2015 - **IHI - The Life Cycle Of A Quality Improvement**  
December 1, 2015 - **IHI - The Human Side of Quality Improvement**  
December 1, 2015 - **IHI - Mastering PDSA Cycles and Run Charts**  
December 1, 2015 - **IHI - Quality Improvement In Action**  
February 29 - March 4, 2016 - **Lumenis P120H Service training (Dreirich, Germany)**  
October 2016 - **i-lipo Application Training (Jeddah, KSA)**  
February 11, 2017 - **Covidien-Valleylab FT10 Technical Training (Jeddah, KSA)**  
March 29, 2017 - **Weinmann Medumat Ventilator Service Training (Dubai, UAE)**  
April 2017 - **i-lipo Technical Training (Jeddah, KSA)**  
December 20, 2017 - **CPR Saudi Health (Jeddah, KSA)**  
January 31, 2018 - **Fluke DPM4-2G Pressure Meter Training (Jeddah, KSA)**  
January 31, 2018 - **Fluke Impulse 7000DP Defibrillator Analyzer Training (Jeddah, KSA)**

## **EDUCATION**

### **MASTER IN TECHNOLOGY, 2008-2010**

Technological University of the Philippines - Visayas  
Talisay City, Negros Occidental

### **B.S. in ELECTRONICS AND COMMUNICATION ENGINEERING, 1996-2001**

Technological Institute of the Philippines  
# 363 P.Casal St., Quiapo, Manila, Phils.

### **COMPUTER PROGRAMMING DIPLOMA, 1995-1996**

Network Computer and Business Colleges  
Dewey Ave., SBMA, Phils.

### **HIGH SCHOOL DIPLOMA, 1991-1995**

St. Joseph School  
18<sup>th</sup> St., EBB, Olongapo City, Phils.

### **ELEMENTARY DIPLOMA, 1985-1991**

St. Joseph School  
Canda St., EBB, Olongapo City, Phils.

## **PERSONAL INFO**

#### **BIRTHDATE:**

*October 25, 1978*

#### **BIRTH PLACE:**

*Olongapo City, Phils.*

#### **RELIGION**

*Seventh-day Adventist*

#### **HEIGHT:**

*5' 8" (173 cm)*

#### **WEIGHT**

*90kg*

#### **CIVIL STATUS:**

*Married*

#### **CITIZENSHIP**

*Filipino*