

# Christopher N. Balobo

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**Objective** : To apply for a position as Instrument and Control Technician.

## Work Experience

### A. Maintenance Sr. Instrument & Control Technician

2019 - Present

**GN Power Dinginin Ltd. Co.** (2X668MW Coal Fired Supercritical Power Plant located in Mariveles, Bataan)

- Performing plant inspections and identify faults, defects and risks.
- Conduct fault finding utilizing testing equipment, drawings, diagrams and manufacturers maintenance manuals. Identify problematic faulty components and equipment.
- Repairing and replacing faulty equipment as instructed e.g., all I&C installed power plant (Boiler, Turbine & BOP) equipment.
- Operate workshop machines and equipment and manufacture and refurbish components according to design specification.

### B. Maintenance Instrument & Control Technician

2012 – 2018

**Rabigh Power Company** (RPC)-RAWEC O&M Partner  
Rabigh, Petro Rabigh Complex, Kingdom of Saudi Arabia

- Carry out Preventive and Corrective maintenance of different process instruments in FGD, Boiler, Steam Turbine Generator and Desalination Plant.
- Carry out coordinated protection/interlock test procedure of Boiler/Turbine equipment as part of pre-start up activity.
- Performed daily work order report and carry out proper Lock out/Tag out procedure (LOTO) as per safety requirement.
- Performed calibration and verification on different field instruments (especially Quality Analysis Instruments) located on FGD, Boiler, Turbine and Desalination Plant area.

- Carry out routine maintenance/calibration activity on both FGD inlet and Stack Gas Analyzers (CEMS Equipment) as compliance with environmental standard.
- Carry out component level troubleshooting on pneumatic & motorized valves as well as other electronic Instruments used in Power/Desalination Plant.
- Provides information to supervisor for assisting him in formulating maintenance and repair plans for the equipment assigned for maintenance by the group. Also assists in organizing and developing an Electronic Workshop for carrying out in-house repairs whenever it is more cost effective to do so.

### **C. Maintenance Electronics Technician (Mines Dept.)**

2008 – 2012

***Saudi Cement Company***

Aindar and Hofuf Plant, Kingdom of Saudi Arabia

#### **Main Plant:**

- Checks instruments reported to have abnormal condition of operation.
- Carries out calibration of all types of plant instruments (Mills, Kilns & Dispatch area).
- Obtains Operator-in-charge permit before carrying out inspection or repair or modification.
- Performs rectification / modification / repair of Instrument systems.
- Ensures safety standard.
- Performs daily report indicating work achievements during the day and submits to the foreman. The report normally includes records of inspection, adjustments made, repair works performed, pending jobs etc.
- Performs other miscellaneous duties as directed by Chief Engineer / Engineer / Foreman.

#### **Mines-Quarry:**

- Checks equipment reported to have abnormal operating condition with respective operator's authority and carries out repair/modification on electronic parts as necessary (Atlas Copco Drill machines, Loaders, Dozer, Motor graders, Dump trucks).
- Performs maintenance and troubleshooting ECMs (Electronic control Module) of heavy equipment, as required. Participates in major inspection works and overhaul jobs of electronic controls to make the related equipment operational.
- Conducts necessary calibration on implement system of specific Caterpillar machineries and diagnose such problem using the latest CAT ET Tool software.

#### **D. Construction      Instrument Technician**

2006 – 2008

***Consolidated Contractors Company, W.L.L.***

Project Description: Independent Water, Steam and Power Project (**IWSPP**)  
Mitsubishi Heavy Industries (MHI) Rabigh Project  
Rabigh, Kingdom of Saudi Arabia

- Calibrated and commissioned Analysis Transmitter (pH, ORP, Conductivity, turbidity and Chlorine Analyzer).
- Commissioned Desalination Plant field instrument metering system.
- Commissioned Differential Flow Transmitter, Ultrasonic and Vortex Flow Transmitter.
- Calibrated different types of shut off valves, motor operated and pneumatic control valves.
- Performed calibration on different type of instruments like pressure, level and temperature transmitter.
- Calibrated flow and pressure switches, level gauges for tanks, pressure and temperature indicators.
- Assist MHI Instrument and testing group in loop checking and testing.
- Work on installation of cable trays and supports, embedded and exposed conduit lay outing, fire fighting, communication, lighting and small power system.

#### **E. Maintenance      Instrument Technician (E/I Technician)**

2001 – 2006

***Philippine Phosphate Fertilizer Corporation***

LIDE Industrial Development Estate (LIDE)  
Isabel, Leyte, Philippines

- Cleans and safe-keeps assigned tools, testing equipment and devices required for the performance of assigned job.
- Performed calibration on different instruments like process controllers, pressure, level, and flow and temperature transmitters.
- Calibrated pressure, level and temperature indicators.
- Performed servicing and calibration on pneumatic control valves.
- Conduct board level troubleshooting on AC and DC drives for motors.
- Commissioned and serviced different types of Gas Stack Analyzers (HORIBA, SICK, SHIMADZU).
- Calibrated and repaired Analysis Transmitter (ph, Conductivity, Turbidity).

- Repaired different types of electronic and communication equipment used in the Plant such as paging and telephone system.

## F. Training

### Production Technician (OJT)

2000 –2001

***Cebu Mitsumi Incorporated (CMI)***  
Danao City, Cebu, Philippines

- Performed preventive maintenance on different jigs and fixtures used in the production line.
- Troubleshoot electro-pneumatic equipment.

## Seminars and Trainings Attended

- June 19, 2001 - OMD 41 Dust Concentration Monitor and GM 31 Gas Analyzer Training
- April 23, 2002 - Echo Seminar on Radiological Health and Safety
- June 16, 2005 - Work Attitude, Values and Effectiveness Seminar
- Dec. 14, 2009 - CAT Earth Moving Machines (Machine Electronic & CAT ET, Diagnostic & Troubleshooting).
- Dec. 22, 2012 - Rockwell Automation (Controllogix Fundamentals & Troubleshooting course for RSlogix 5000)
- July 3, 2013 - MSA Altair 5 Multigas Detector Galaxy Automated system

## Education

1998 – 2001

***Center for Industrial Technology and Enterprise (CITE)***  
Talamban, Cebu City, Philippines

- Graduate of Industrial Technician Program (ITP)
- Major in Electronics Technology

## Reference

- Peter Suiza - Instrument & Control Supervisor (RAWEC - RPC)  
Rabigh Arabian Water and Electricity Company
- Genito Tabogon* - Instrument Calibration Supervisor (MHI)  
Mitsubishi Heavy Industries
- Federico Tura* - Senior I and C Technician (RAWEC - RPC)  
Rabigh Arabian Water and Electricity Company
- Raymund Apas* - Instrument Foreman (SCC)  
Saudi Cement Company