

KENNETH BONN Torrion GARCIA

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March 06, 1980

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MINIMUM QUALIFICATION AND EXPERIENCE:

17 years of experience in the field of Electrical Engineering Works, Mining Industry Sub-station, Power Plant, Building, Hospital, Housing, Railway, Construction, Procurement, Material Estimation, Production, Operation and Maintenance.

- ✓ Degree in Electrical Engineering. (Registered Electrical Engineer with license after passing the Philippine Regulation Commission government examination).
- ✓ August 27, 2019 to Present working in Mining Industry at **MEGLAB ÉLECTRONIQUE INC.** Val-D'or, Quebec, Canada.
- ✓ July 24, 2017 to September 26, 2017 working in Mining Industry at **BISHA MINING SHARE COMPANY**, Eritrea, East Africa.
- ✓ Seven (7) years Gulf experience in General Construction (Royal Commission, Saudi local government project, Saudi Electric Company/Aramco Riyadh and Dubai Metro Railway System).
- ✓ Over-all background works for Royal Commission, SEC Engineering Standards and safety Procedures.
- ✓ Five (5) years local experience in Production, Operation and maintenance working in Smelter Plant.
- ✓ Capable of handling office and field works including project monitoring.
- ✓ Proficient on computer programs such as MS Word, MS Excel, Power Point and 2D AutoCAD.

WORK EXPERIENCES



MEGLAB ÉLECTRONIQUE INC.

Address : 281, 19^e rue, Val-D'or (Quebec) Canada J9P0L7

PROJECT : Engineering and Fabrication of Electrical Substation

CLIENT : Mines Company

DATE : August 2019- PRESENT

Working hours per Week : 40 HRS.

POSITION : ELECTRICAL ENGINEER

SCOPE OF WORK:

- Prepared drawings for electrical substation 13.8kV, 13.2kV, 4.160kV, 0.6kV and 240/120V
- Prepared Manual for electrical substation such as Installation and commissioning procedure, operation procedure.
- Performed Factory Acceptance Test (F.A.T.) such as, Functional testing of relay protection elements, transformer insulation test, very low frequency dielectric test, turn ratio test, ground test, CT polarity test, contact resistance test, long time and short time delay of breakers, current injector test and arc flash.

- Servicing mines site requested by the client to do relay test, transformer insulation test, turn ratio test, ground test, CT polarity test, current injector test, arc flash and verification of power and energy consumption using power quality & energy analyzer.
- Prepared Pre-feasibility study for client mines, load computation such as active power, reactive power, apparent power and the power consumption for estimated years.
- Prepared the single line diagram for the Pre-feasibility study for client mines.
- Testing and commissioning for Electrical substations at Glencore Raglan Mine in Nunavut, Borden Gold Mine at Chapleau, Ontario, Agnico Eagle Meliadine at Nunavut, Agnico Eagle Goldex Val-d'Or, Greenstone Mine at Ontario, Agnico Eagle LaRonde at Rouyn Noranda, MCM Mine Canadian Malartic at Malartic.

Tools & Equipment Handled

- ***Manta MTS-5000 (Protective Relay Test System)***
- ***Insulation Tester (Fluke 1550C & 1555 (Megger) 5kV & 10kV)***
- ***Fluke 435 II (Power quality & energy analyzer)***
- ***Megger DLRO 10X (Digital Low Resistance Ohmmeter)***
- ***Startco SE-400 Series (Ground-Fault-Relay Tester)***
- ***Full-Function Test Kit (Schneider)***
- ***Full-Function Test Kit (Eaton)***
- ***RAYTECH WR14 (Transformer winding resistance tester)***
- ***RAYTECH TR-SPY MARK II (Transformer turn ratio tester)***
- ***Fluke 1623 (Earth/Ground Tester)***
- ***VLF-34E (Very low frequency AC Hipot)***
- ***ATRT-01 S3 (Single phase automatic transformer ratio tester)***
- ***Multimeter***
- ***Clamp Meter***

K2RJL-BISHA MINING SHARE COMPANY

P.O.Box 4276 : Asmara, Eritrea East Africa

PROJECT : Mining Company

CLIENT : BISHA MINING SHARE COMPANY

DATE : JULY 2017- SEPTEMBER 2017

Working hours per Week : 48 HRS.

POSITION : PROJECT ELECTRICAL ENGINEER/ELECTRICIAN

SCOPE OF WORK:

- Project In-Charge for E&I of upgrading the FAX DOSING SYSTEM
- Prepared drawing lay out of the equipments.
- Prepared drawing route of power cable and fiber optic cable.
- Review and finalized the electrical BOQ contrary to the drawing before installation at site.
- Submit Quotation for electrical materials and equipment's to supplier.
- Prepared Method of Statement for all Electrical installation work.
- Preventive maintenance of Transformer, Motors and VSD.
- Recondition of Motor's, Insulation test, Continuity Test and Short Circuit test.
- Monitor all MCC's in the plant site.
- Installation of motor control such as direct-online, forward-reverse and wye-delta.
- Termination works, troubleshooting and other electrical/Instrumentation activities referred by immediate supervisor and engineering department head.

Tools & Equipment Handled

- ***Insulation Tester (Megger) 5kV***
- ***Multimeter***
- ***Clamp Meter***
- ***Digital Ohmmeter***
- ***Hydraulic bender***
- ***Threading machine***

- **Power tools**
- **Hand tools**



PBC PROJECT BUILD CO.LTD.

P.O.Box: 79619 : Alkhobar, Kingdom Of Saudi Arabia

PROJECT : Hospital ,Buildings and Housing

CLIENT : Royal Commission Yanbu and Jubail

DATE : DECEMBER 2014 - DECEMBER 2016

Working hours per Week : 48 HRS.

Company Contact details :Engineer Hossam Mustrafa (Project Manager)

Engineer Romulo Ebarola (Electrical Supirentendent)

POSITION : PROJECT ELECTRICAL ENGINEER

SCOPE OF WORK:

- Review submitted shop drawing and material submittal against the drawing and specification ,local codes and statutory requirements and international best practice.
- Review and finalized the electrical BOQ contrary to the drawing before installation at site.
- Submit Quotation for electrical materials and equipment's to supplier.
- Provide technical inputs and experience to resolve discipline-related engineering issues on the Project.
- Inspect and supervised installation work for Medium voltage switch gears, Power transformer,generator,MDB,EMDP,DB,EDP,MCC,PP,EPP,LP & ELP panels, Bus ways, UPS, Grounding & Lightning protection, VAV system, Power and lighting system.
- Inspect and supervised installation work for low current system, Fire Alarm System,CCTV,Public Address, Voice & Data system, Clock system, Nurse Call station & BMS.
- Followed the ITP Inspection & Test Plan procedure for all system.
- Prepared RFI for any installation done according to IFC & shop drawing.
- Prepared Method of Statement for all Electrical installation work.
- Conduct electrical progress work inspections on continuous basis along with complete end electrical installation checkout.
- Attend weekly meeting to the client.

Tools & Equipment Handled

- ***Insulation Tester (Megger) 5kV***
- ***Multimeter***
- ***Clamp Meter***
- ***Digital Ohmmeter***
- ***Earth Resistance Tester***
- ***Hydraulic bender***
- ***Threading machine***
- ***Power tools***
- ***Hand tools***



ABDULLAH A.M.AL-KHODARI SONS CO.

P.O.Box: 3589 : Alkhobar, Kingdom Of Saudi Arabia

PROJECT : University Building, Hospital & Infrastructure

CLIENT : Government of Saudi Arabia

DATE : SEPTEMBER 2013 - SEPTEMBER 2014

Working hours per Week : 48 HRS.

Company Contact details : HR DIRECTOR

Suliman Mohammed Ali Heijji

Contact number : 013-844-7222 / 011-476-0117

POSITION : PROJECT ELECTRICAL ENGINEER

SCOPE OF WORK:

- Inspect complete installation and observe operations, to ensure conformance to design and equipment specifications and compliance with operation and safety standard.
- Prepare and study technical drawing, specifications of electrical systems, and topographical maps to ensure that installation and operation conform to standard and client requirements.
- Coordinate and record client as well as vendor needed electrical installation and tests verification
- Conduct electrical progress work inspections on continuous basis along with complete end electrical installation checkout.
- Coordinate with electrical engineers to solve drawing as well as set-route problems.
- Coordinate and check subcontractors in electrical field engineering.
- Inspect permanent plant components through receiving process to ensure project drawings and standards are attained.
- Coordinate and oversee contractors and other resources in implementing project work.

- Cost estimation work of electrical equipment's & materials need to the project such as MV/LV transformer, generator, ATS, capacitor bank, UPS, low voltage distribution board panel, MV/LV cables, Lighting system, Cable tray, ladder, power outlet, grounding & lightning.
- Cost estimation work of low current system such as IP telephone, data address, fire alarm, CCTV, BMS, access control, audio & video system.
- Review and finalized the electrical BOQ contrary to the drawing before submission to bidding.
- Check and verify the electrical equipment's and materials to suit for correct specification need to the client.
- Used Computer construction software (CCS) in estimation.

Tools & Equipment Handled

- ***Insulation Tester (Megger) 5kV***
- ***Multimeter***
- ***Clamp Meter***
- ***Digital Ohmmeter***
- ***Earth Resistance Tester***
- ***Hydraulic bender***
- ***Threading machine***
- ***Power tools***
- ***Hand tools***



AUVA PROJECTS AND SUPPLIES CO.

P.O.Box: 9444 : Diplomatic Quarter, Riyadh, Kingdom Of Saudi Arabia

PROJECT : High Voltage Sub-Station (S.E.C./Aramco Riyadh),Qurrayah & Ghazlan Power Plant

CLIENT : Saudi Electric Company (SEC)

DATE : MARCH 2011 - MAY 2013

Working hours per Week : 48 HRS.

Company Contact details Ahmed Ali Maashi (HR Manager)

Contact number : +966(1) 4901111

Website : www.auva.co.sa

POSITION : ELECTRICAL ENGINEER

SCOPE OF WORK :

- Engineering and supervised electrical construction work such as 33kV & 13.8kV switchgears, 60MVA & 10MVA power transformers, control panels, relay panels and other equipment in substation.
- Prepared work schedule and plan activities.
- Monitor work progress and material requirements.
- Installation and supervised of(ARM) Automatic Meter Reading in High-voltage Sub-stations 380kV, 220kV and 132kV in Saudi Electric Company (SEC).
- Prepare the approved drawing for reference in the installation of the panel and control cable in Scada, GIS, 13.8 & 33 KV Switchgear and control room panel in the substation.
- Coordinate in the SEC control room prior to initiating of the phase of work.
- Supervised the installation of DCU & RM panel.
- Supervised the installation of control cable layout in the 132kv GIS panel.
- Supervised the installation of control cable 4mm & 2.5x4mm² layout in the CT & VT panel for 13.8&33kv Switchgear.
- Supervised the installation of 4x4mm² control cable layout cable ladder going to scada transducer control panel.
- Preparation of ferruling for the marker of each cable to terminal block in the control panel.
- Prepare daily and monthly progress reports.
- Engineering and detailing work of DC system Project (UPS) "CHLORIDE INDUSTRIAL SYSTEM"
- Installation and supervised Battery charger 48Vdc 125Vdc & 250Vdc in Qurrayah and Ghazlan Power Plant. Testing and commissioning for battery charger.
- Installation and supervised Inverter 25kVA, 30kVA, 90kVA & 120kVA in Qurrayah and Ghazlan Power Plant. Testing and commissioning for inverter.

Tools & Equipment Handled

- ***Insulation Tester (Megger) 5kV***
- ***Multimeter***
- ***Clamp Meter***
- ***Digital Ohmmeter***
- ***Earth Resistance Tester***
- ***Hydraulic bender***
- ***Threading machine***
- ***Power tools***
- ***Hand tools***



SENDAN AL EMARAT CONSTRUCTING LLC.

P.O.Box:125596, Dubai-U.A.E.

PROJECT : DUBAI METRO TRAIN

CLIENT : Government of Dubai Road & Transport Authority

MAIN CONTRACTOR : MITSUBISHI HEAVY INDUSTRY (M.H.I.)

DATE : OCTOBER 2008 - NOVEMBER 2010

Working hours per Week : 48 HRS.

Company Contact details: Ung Seok Kang (project manager)

Contact number : +9742721994 / +974271-8700

POSITION : ELECTRICAL ENGINEER

SCOPE OF WORK :

- Prepared and reviewed engineering plans, specification, project schedule, designs, circuit diagram and support in estimation for construction such as (TPS)Traction Power Substation,(PCR)Primary Cabinet Room, (AFC) Automatic Fare Collection, (PSD)Platform Screen Door and Trackside for the Dubai metro train.
- Supervised for installation of 33kV switchgear for Traction Power Substation (TPS), 33kV switchgear for Primary Cabinet Room (PCR) and 33kV/400V Auxiliary Transformer.
- Coordinate with the main contractor for field instruction works.
- Coordinate and submit material approval to the main contractor before any installation works.
- Determined and checked for the specific materials for installation and termination of LDB, Isolator, Cable Glands, Cable Terminal Lugs, High and Low Voltage Termination Kit and others.
- Maintained effective working relationship with field crew, main contractor, sub-contractors, outside agencies, the public and city staff.
- Submit everyday accomplishment report direct to the project manager.

Tools & Equipment Handled

- ***Insulation Tester (Megger) 5kV***
- ***Multimeter***
- ***Clamp Meter***
- ***Digital Ohmmeter***
- ***Earth Resistance Tester***
- ***Hydraulic bender***
- ***Threading machine***
- ***Power tools***
- ***Hand tools***



PLATINUM GROUP METALS CORP.

Assumption Heights, Buruun, Iligan City

ELECTRICAL ENGINEER / TECHNICIAN

Nov. 2006 - Oct. 2008

Working hours per Week : 48 HRS.

Company Contact details: Flordelita V. Delos Santos (HR Manager)

Contact number : 063-221-5830 / 0221-5831

Email : pgmciligan@yahoo.com.ph

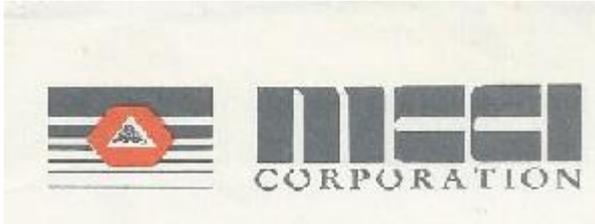
SMELTER PLANT: FERRONICKEL PRODUCTS

SCOPE OF WORK :

- Daily sub-station parameter reading, weekly meter reading in plant facilities
- Preventive maintenance of bucket elevator, regular checking the motor, gearbox, steel cable and pulley.
- Preventive maintenance of belt conveyor, screw conveyor, regular checking the motor, gearbox, chain and lubricate.
- Preventive maintenance of furnace transformer, regular checking oil level, cooling system, radiator and checking of tap-changer mechanism.
- Preventive maintenance of Demag crane 50tons,30tons,10tons & 5tons,regular checking motor, brakes, hoist and electrical controls and mechanism of crane.
- Preventive maintenance of air compressor, check air filters and moisture monitor.
- Operate overhead crane, forklift and puller in lifting materials.
- Monitor and maintenance of 1,500kW generator.
- Installation of motor control such as direct-online, forward-reverse and wye-delta.
- Termination works, troubleshooting and other electrical/mechanical activities referred by immediate supervisor & department head.

Tools & Equipment Handled

- ***Overhead Crane***
- ***Forklift***
- ***Insulation Tester (Megger) 5kV***
- ***Multimeter***
- ***Clamp Meter***
- ***Digital Ohmmeter***
- ***Hydraulic bender***
- ***Threading machine***
- ***Power tools***
- ***Hand tools***



MARIA CRISTINA CHEMICAL INDUSTRY

Assumption Heights, Buruun, Iligan City

ELECTRICAL TECHNICIAN

Oct. 2004 - Oct. 2006

Working hours per Week : 48 HRS.

SMELTER PLANT: CALCIUM CARBIDE PRODUCTS

SCOPE OF WORK:

- Daily sub-station parameter reading, weekly meter reading in plant facilities.
- Installation of motor control such as direct-online, forward-reverse and wye-delta.
- Installation/cabling works in substation and control building.
- Installation of cable tray, cable ladder, conduit piping, cable glanding, sealing fitting and flexible conduit.
- Installation of power cable, lighting and earthing.
- Monitor and maintenance of 1,500kW generator.
- Termination works, troubleshooting and other electrical activities referred by immediate supervisor & department head.

Tools & Equipment Handled

- ***Overhead Crane***
- ***Forklift***
- ***Insulation Tester (Megger) 5kV***
- ***Multimeter***
- ***Clamp Meter***
- ***Digital Ohmmeter***
- ***Hydraulic bender***
- ***Threading machine***
- ***Power tools***
- ***Hand tools***



COMM TECHNOLOGY PHILS, INC.

Luga-it, Misamis Oriental

LINEMEN

ELECTRICAL CONSTRUCTION

Jan. 2004 - Aug. 2004

Working hours per Week : 48 HRS.

Company Contact details: Marilyn Ugto (Administrative officer)

Contact number : 063-227-4054

SCOPE OF WORK: Installation of Poles & Streetlights.

Tools & Equipment Handled

- ***Multimeter***
- ***Clamp Meter***
- ***Power tools***
- ***Hand tool***

OCEANFRONT SERVICE MANAGEMENT CORPORATION
GRANEX COMPOUND, KIWALAN, ILIGAN CITY

OCEANFRONT SERVICE MANAGEMENT CORP. at San Miguel Corp.

Granex Compound, Kiwalan, Iligan City

PLANT ELECTRICIAN

OIL MILL PLANT: OIL & FEEDS PRODUCTS

May - October 2003

Working hours per Week : 48 HRS.

Company Contact details: Felicita H. Maderal (Branch Manager)

Contact : 063-225-1380

SCOPE OF WORK:

- PMS- Preventive maintenance schedule of motors, gearbox, motor fan, motor cover, chain of motor to gearbox, shafting and cleaning weekly run-in generator set.

Tools & Equipment Handled

- ***Multimeter***
- ***Clamp Meter***
- ***Power tools***
- ***Hand tools***

MARIA CRISTINA CHEMICAL INDUSTRY

Assumption Heights, Buruun, Iligan City

On Job Training

July - November 2002

EDUCATION

College Bachelor of Science in Electrical Engineering

St. Peter's College

Sabayle St., Iligan City

March 2003

Secondary Iligan City National High School

Mahayahay, Iligan City

1993 - 1997

Elementary South II Central School

Suarez, Iligan City

1987-1993

SEMINARS ATTENDED

<u>Title</u>	<u>Sponsors / Venues</u>
Modular Mine Worker Training (Formation modulaire du travailleur minier) (FMTM)	CENTRE DE FORMATION PROFESSIONNELLE VAL-D'OR 700, boulevard des Pins, Val-d'Or (Québec) J9P 0M4, Canada (January 15 to January 26, 2024)
Underground Orientation Lock out and Tag Prime Movers CC U0012 Lock out and Tag Prime Movers General Orientation WHMIS	NORCAT 1545 Maley Dr. U0012 Sudbury, ON P3A 4R7, Canada (July 5,2022)
Workplace First Aid 16 hrs (A+)	CNESST Practical guide for first aiders in the workplace (November 07,2021)
Field Level Risk Assessment (FLRA)	Bisha Mining Share Company Eritrea,East Africa (August 1,2017)
BMSC Induction Sessions marked by : BSMC General Induction, Environmental Induction, Culture awareness,Fire awareness, Hazard Identification, Isolation & Tagging,Open pit Induction, Engineering Induction,Processing Plant Induction & Fatigue Management.	Bisha Mining Share Company Eritrea,East Africa (July 30,2017)