BASSEY ELISHA EKPO

ELECTRICAL & INSTRUMENTATION ENGINEER

CONTACT/ADDRESS

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CAREER SUMMARY:

Seven (7) years experienced & multidisciplinary engineer with a vast knowledge of process automation, instrumentation and electrical which includes but not limited to: PLC controllers & their programming methods; HMI/SCADA with strong scripting skills; DCS and ESD/FG systems; Field instrumentation and calibration, configuration, troubleshooting & maintenance skills. Industrial networking and motor control as well as VFD parameterization skills.

TRAINING/ CERTIFICATIONS

- Advanxis Technologies & Process Automation (PLC integration and programming: Siemens Simatic S7 (TIA portal), Allen Bradley (RSLogix 500).
- Trained in DCS Centum Vp basic-yokogawa India Ltd
- UDEMY eLearning course (PLC programming)
- SETLAG LIMITED/ SHOREGROUP NIG. (Industrial Electrical controls/panel design)
- ControlNet Limited (Instrument calibration, troubleshooting, repairs & documentation)
- EXTERRAN (ARIEL KBZ operation & maintenance)
- EXTERRAN (275GL+maintenace & repair)
- KHRONE online academy (Guided wave Radar GWR & FMCW Radar level transmitter) Online Training
- KHRONE online academy (coriolis mass flowmeter, Electromagnetic, vortex meter, Ultrasonic & Clamp-on flowmeter) Online Training
- EMERSON (Temp. & Press. Controls) Online Training
- EMERSON(Universal XR controller) Online Training
- EMERSON(Solenoid Valves) Online training
- FLUKE (Troubleshooting motor and Drives)
- FLUKE (Electrical MeasurementSafety) Online Training
- FLUKE (Insulation ResistanceTesting) Online Training
- ALISON (control valves/on-off valves) Online Training
- ULTRALOG GLOBAL CONTROL LTD (PCV,PSV,PRV/PORV)
- CX (Commissioning and Startup)
- GIWOST-Trained In HSE 1,2&3.
- GIWOST- Trained In Basic First Aid & CPR.
- Oxford Computer Training Institute-(Ms-Excel, Ms-Word & Powerpoint)
- Survival At Sea & Helicopter Underwater Escape Safety (HUET)
- Deep Water survival training, T-BOSIET. TOLMANN
- DPR Offshore Safety Permit (OSP)
- Certificate Of National Service (NYSC)
- Medical fitness certificate
- Covid-19 Vaccinated

SKILLS/ EXPERTISE

- Leadership/ team work and interpersonal skills.
- Good communication skill.
- P&ID, PFD, loop diagram, gate logic, Relay logic, Ladder diagram & instrument hook-up drawing.
- Hands on experience with PLC System setup and programming with any of the following PLC vendors: Siemens Simatic S7 (TIA portal), Allen Bradley (RS Logix 500, 5000).
- Developing PLC program from Control Narratives & programming of PLC using IEC 61131 languages standards such as LD & FBD, simulation, testing, Commissioning, and start-up
- PLC control program uploading, editing and downloading.
- Experienced with the use of various switches/sensors such as Limit switches, Proximity switches (inductive, capacitive, NPN/PNP), Photosensors, Temperature, level, flow, and pressure sensors/switches
- Concept of sinking & sourcing in PLC wiring
- Full knowledge of process control system & measurement.
- Working/ testing of electronic control systems including microprocessors, sensors & final control elements used in automated process.
- Calibration of pneumatics, electronic & SMART transmitters of different makes such as (Rosemount, siemen, Fuji, Honeywell, ABB, Foxboro, Endress+Hauser, Bailey, Yokogawa, for measurement of pressure, differential pressure, level, flow, temperature, interface level & density using different types of calibrators, simulators & configurators such as: AMS Trex & 475 Hart communicator, Druck calibrator, loop/process calibrator, fluke 754 documenting process calibrator, etc.
- Familiarized with control narratives, control philosophy, cause & effect matrix, open & close loop system.
- Contactor & control relay wring/manipulations
- Experience in metering, meter proving, use of LACT unit, troubleshooting and calibration of turbine meters, coriolis meter, ultrasonic meter, dewpoint/moisture analyzer and gas chromatography (GC).
- Calibration & troubleshooting of portable and fixed gas detetors.(MSA, Drager & BW tech.)
- Experience in gas turbine & power generation.
- Sound computer knowledge (microsoft word & excel)
- Servicing & calibration of control valve with SMART/DIGITAL positioners of different makes.
- Testing/Partial stroking of PCV, SDV & ESDV.etc.
- Preparing master data sheet for PM schedule ensuring safe and efficient performing of preventive/corrective maintenance.
- Commissioning & decommissioning task.

EMPLOYMENT HISTORY

Sterling Oil Exploration & Energy Production Company Ltd
LOCATION: Kwale, Delta State. Nigeria. (2020 –Till Date)
POSITION: Instrumentation Foreman
DEPARTMENT: Operation and Maintenance
RESPONSIBILITIES

- As instrument foreman responsible for the carrying out of routine maintenance activities on all the field instruments & documented accordingly.
- Demonstrate a technical knowledge of the operation, troubleshooting, maintenance, basic programming, configuration, repair of the plant electrical, instrumentation, and manufacturing systems.
- As instrument foreman, assigned to supervise and monitor the installation of different type field instrument. Inspection, calibration, loop simulation based as per organizational procedure and standards.
- Job planning, PPT, SOP preparation and supervision of construction activities and also bringing progress report to the maintenance supervisor.
- Coordinates all instrument work which may involve work in the field and workshop as such that the work carried out completely and efficiently. Keep a written daily log of all inspection performed, test results and other information pertaining to the job.
- Carry out revalidation of PTW while on shift. HSE rules, JSA, Pep-talk, etc. Involved in maintenance, shutdown and back to service operations. Follow the PTW Procedures before commencing any activities and coordinate with operation team leaders.
- Responsible for completion of all work orders and verifying completion of work and documenting discrepancies and Out of Tolerance (OOT
- Configured and commissioning GWR type LT, Ultra sonic level transmitter Ultrasonic flowmeter
- Assigned to assemble sensitive instrument like open path gas detectors, flame detectors, point gas detector etc. Work also includes loop checking, trouble shooting and pressure leak testing of instrument air lines tubing.
- Assigned also to calibrate field instrument like fieldview level transmitter displacer type, magnetostrictive, siemen/ vega level and pressure transmitters, flow transmitters, switches and temperature instruments, etc.
- Training by YOKOGAWA vendors during commissioning as SIS and DCS operator using the interface console to monitor and send false and open signals of valves to the field technician, monitoring the process condition through the graphic view, etc

GREENVILLE LNG, Rivers State. Nigeria.(2019-2020)
POSITION: Senior Instrumentation Technician
DEPARTMENT: Operation and Maintenance
RESPONSIBILITIES

- Perform servicing of all electronic, pneumatic, mechanical, electro-pneumatic, hydraulic and instrument & control system and devices in accordance with the established maintenance technical procedures.
- Perform on-line calibration, fine tuning, adjustment & test on field instruments.
- Calibration & configuration of transmitter/transducer using different type of field communicators & configurators such as, AMS Trex & 475 Hart communicator, Druck calibrator, loop/process calibrator, fluke 754 documenting process calibrator.
- Calibration of ELECTRONIC/SMART transmitters of different makes for measurement of pressure, differential pressure, level, flow, temperature, interface level & density.
- Bench/ on-site calibration of process measuring instruments such as pressure/temperature gauge, pressure, DPT, level (Radar level) & temperature transmitters.
- Servicing & calibration of control valve with SMART/DIGITAL positioners of different makes, (fisher, siemen, masoneilan, flowserv, YTC,etc).
- Calibration of pressure, temperature, flow, limit switch, level switch, gauges, I/P converters, pressure transducer/sensors of different makes. Calibration and servicing of electronic and pneumatic controllers (Fisher, Foxboro)
- Calibration & function test of UV/IR flame detectors, smoke detectors, heat detectors, gas detectors (make-honeywell & Det-tronics) Fixed/ open path.
- Control system troubleshooting, maintenance and instrument loop check.
- Partial stroking, testing maintenance of PCV, SDV/ ESDV
- Carry out other duties as required by the management.

EMPLOYMENT HISTORY

PRIME ATLANTIC CEGELEC (PACE) NIG LTD. LAGOS
CLIENT: TOTAL E&P EGINA PROJECT
PROJECT: EGINA FPSO (TOTAL)
DESIGNATION: E&I TECHNICIAN
PERIOD: 26TH JUNE -30TH Oct, 2018
JOB DESCRIPTION

- Observing execution plan for all electrical and instrument commissioning using the project Work Package Standard and project specifications
- Calibration of Process Instruments such as; TT, PT, PDT, FT, LT transmitters, RTD PT100 sensors, testing of solenoid valves. Calibration of pressure control valve PCV & ESDV.
- Complete Loop testing/trouble shooting on PCS/ PSS system and FGS instruments.
- Line check, Loop check and Commissioning of instruments.
- Loop check, functional test, OTP, troubleshooting, pre-commissioning, commissioning & start-up

- Loop checks, calibrations, and troubleshooting of instrumentation field devices involving level, pressure, temperature, flow, and vibration switches. Brands such as: Rosemount, flowserv, yokogawa, K-Tek, Nuflow, Rotork, etc

EDUCATION

Federal Polytechnic Nekede Owerri, Imo State
Electrical Electronics Engineering (OND) 2013-2014
Electrical Electronics Engineering (HND) 2015-2017

Egad Comprehensive, High school. Akwa Ibom
Secondary School Certificate (WASSEC) 2003-2009

BIO DATA

Sex: Male
Nationality: Nigerian
Language: English & Ibibio

HOBBIES

Traveling, Reading & playing Piano

PASSPORT DETAILS

Passport No: B00379035
Date Issued: 10-05-2021
Expire Date: 09-05-2026

REFEREES

Available on request