

Mohammed Talib



Contact

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Iraq-Samawa

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Birth: 1993, married

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Languages

Arabic – Native

English – Very Good

Summary

Electrical Engineer with high level experience up to 3 years in electrical engineering, control, instrument, networking, high voltage transmission, power plants, automation, Supervisor of transformer, and GIS 11/33 KV installation, Wiring, and tests like C.B close, trip time, dc contact test, CT, VT ratio, and more, Supervisor of Panel installation, Cable termination, installation, earthing, earthing system works, PLC I/Os signal tests, loop check, Working to install and programming Automation System (PLC+HMI), Scada, Instruments (Flow, level, RTD, Pressure), Fire alarms

Skill Highlights

- Project management
- Strong decision maker
- Complex problem solver
- Advancement, Motivation upon work
- Organization and Leadership
- Creative design
- Innovative
- Service-focused
- Team leading.
- Management.
- Communication skills.
- Equipment handling.
- Office Equipment

Education

Bachelor of Engineering: **Electrical engineer** - 2016
Wasit University

Certifications

Certificate of completion of training course given by samawa cement company SSC which provided an insight into cement production from quarry operation to distribution to customers. The evaluation is 78%

GENERAL SKILLS

- I have the ability to work individually and as part of a team.
- the ability to concentrate for long periods of time.
- Effective problem identification and solution skills

Computer Skills

- Computer and Internet professional User
- Microsoft Office (Excel, Word, PowerPoint, Outlook, MS Project.....)
- Programming languages (Visual Basic, C++).
- AutoCAD Electrical
- Revit MEP
- CAD CAM.
- Sketch up.
- Autodesk Inventor Designer
- Solid work.
- MATLAB.
- Do CNC-Plasma drawings

Experience

Self-Working - 03/2020 to present

- worked in a workshop with CNC-Plasma and do many drawings in Cad program so I have high experience in automation
- Plc Ladder language editor.
- Designing industrial cnc machine from scratch (plasma, router).
- Classic and ATS circuits.

Control and Instrument Engineer – 09/2018 to 02/2020

Iraq Gates Contracting Co. (IGCC) Iraq-Basra

Client: British Petroleum (ROO)

Responsibilities:

- PLC and SCADA: Upgrade the PLC and SCADA system; PLC programming; Add the control for new equipment (such as PCV, MOV, and Transmitters) to the system.
- Instruments maintenance, Installation, calibration
- Interfacing of different Instrument with PLC system.
- Design the Instrumentation and electrical drawings using AutoCAD.
- P&IDs, C&E-Cause and Effect.
- Maintenance of vibration system (Bentley Nevada).
- Installing of new temperature and pressure transmitters with full wiring and termination for CPS stations.
- Testing of protection relay by using OMICRON CMC 356.
- Calibration of electrical and instrumentation equipment using CalBench.
- Testing of transformers, MV CBs, Batteries, etc.
- 11 KV switchgear & 33 KV switchgear installation
- E&I works for Dehydrator & Desalter Project at West Qurna1.
- Earthing system installation and testing.
- Supervisor of transformer, and GIS 11/33 KV installation, Wiring, and tests like C.B close, trip time, dc contact test, CT, VT ratio, and more.
- PLC I/Os signal tests, loop check.
- Supervisor of Panel installation, Cable termination, installation, earthing, earthing system works.
- Megger tests for Motors, and Power Cables.
- Maintenance of machines in factory (Electric motors, Compressor).
- PLCs programming and reprogramming (Siemens).
- HMI Upgrade.
- Maintenance of Instruments.
- Instrumentation maintenance (PIT's, RTD's, LIT's)
- Power grid rehabilitation in CPS stations.
- Fire alarms.

ELECTRICAL & INSTRUMENT EXPERIENCE

- Do & read electrical drawings.
- Do Control circuit maps.
- DO & Reading MEP drawings.
- Earth system (earth pits, earth cables, earth testing,) ...
- Electrical Equipment's Maintenance
- Power plants and high voltage
- transmission and networking.
- Plc Ladder language editor
- Classic and ATS circuits
- Prepares instrument data sheets and loop diagrams.
- Implements instrument detail design on P&ID's.
- Check the RFI and the support documents
- Implementation of ITPL at site
- Insulation Resistance test and Contact resistance test
- Instrument cable glanding & termination, Trenches, ladders, trays for electrical and instrument cables.
- Panel installation, Junction boxes.
- inspection for:
 - All electrical & instrument trenches & ladders.
 - Control panels in control room.
 - Calibration of electrical and instrumentation equipment.

Experience

Electrical Engineer – 07/2017 to 08-2018

EMC "Egyptian Maintenance Company" - Petroleum Sector IRAQ - BASRA

- Supervision and following of all electrical maintenance work.
- Supervision maintenance of 3 sub stations on the field.
- Supervision maintenance of :
11kv & 6.6kv & 400v switchgears and busbars.
- Supervision maintenance of all types of C.B (circuit breaker).
- Supervision maintenance of MCC (motor control center) and TCC (transformer control center)
- Supervision maintenance of transformer 11kv/6.6kv. & 11kv/400v & air type.
- Supervision maintenance of motors, MV motors (medium voltage) LV motors (low voltage).
- Supervision QA/QC and 1 year preventive maintenance of C.B all types (11kv , 6.6kv , 400v) , check and test and recording the results.
- Supervision QA/QC and 1 year preventive maintenance of transformer all types (11kv , 6.6kv , 400v) ,check and test and recording the results.
- Supervision QA/QC and 1 year preventive maintenance of LV motors and MV motors , check , test and recording the results.
- Supervision QA/QC and 1 year preventive maintenance of AC and DC UPS battery bank , check , test and recording the results.
- Supervision QA/QC and 1 year preventive maintenance of AC and DC UPS control panel , check , test and recording the results.
- Reporting to Electrical manager.
- Inspect Electrical Equipment & Components in order to determine maintenance needs.
- Install, Repair & Maintenance of I&E Equipment & Components.
- Visual inspection for complete and correct application/installation Monitoring related activities verified through inspections where applicable.
- Review company specifications, drawings, method statements, QC procedures and inspection test plans.
- Maintain daily reports and log of daily activities.
- Ensure the supervision/coordination of the electrical inspection and the implementation of the Quality Control Plans for electrical maintenance activities
- Ensure that material and equipment are correctly received, stored, preserved and handled, identified and traceable.
- Maintenance of generators of large sizes and ensure the operation and repair of mechanical and electrical failures
- Implements instrument detail design on P&ID's.
- Inspect control-and- instrument site construction, fabrication and equipment for compliance with applicable codes and project requirements.