MAHAROOF MOHAMED SIRAJ

PROFESSIONAL SUMMARY

A highly skilled and certified Electrical professional with over 10 years of extensive experience in industrial electrical maintenance, power cable installation, and AutoCAD drafting within demanding environments, including major Aramco plants. Proven expertise in ensuring strict compliance with international safety standards (Aramco SAFETY, LOTO). Combines strong hands-on technical abilities with a solid background in construction supervision and surveying, demonstrating a versatile and adaptable skill set. A reliable and safety-conscious team player committed to delivering high-quality workmanship and efficient project support.

CORE SKILLS

- **Industrial Electrical Maintenance:** GAI-Tronic systems, Ex-proof equipment, motor controls.
- **Power Cable Installation:** LV/HV cables, tray routing, terminations (Aramco Plants).
- **AutoCAD Drafting:** As-built drawings, electrical layouts.
- **Safety Compliance:** Aramco SAFETY standards, LOTO.
- **Documentation:** Daily reports, maintenance logs, progress tracking.
- **Survey:** Auto Level instrument, Total station.
- **Programming & IT:** C, C++, VBA, Python, MySQL, Java, JavaScript, PHP.

PROFESSIONAL EXPERIENCE

Senior Electrician

Al Habib Trading & Contracting Co., Saudi Arabia | Dec 2023 – Dec 2025

- Maintained GAI-Tronic communication systems in Riyadh Refinery, ensuring optimal performance and minimal downtime.
- Installed power cables for Aramco communication buildings (Abqaiq, Haradh), including cable pulling, routing, and terminations for LV/HV systems utilizing various cable trays (ladder type, perforated, and solid bottom) and rigid steel conduits (EMT/IMC).
- Performed cable termination for control panels, distribution boards, and field devices using appropriate connectors, lugs, and sealing methods (including explosion-proof fittings) in compliance with area classifications.
- Conducted mandrel verification tests for duct bank and conduit integrity across Ras Tanura, Wasit, and Berri Plants to ensure smooth cable installation and prevent sheath damage.
- Pulled and laid control and power cables through designated cable trays, conduits (EMT, RGS, PVC), and trenches in strict accordance with Aramco standards.
- Prepared daily maintenance reports, red-line markups, and AutoCAD as-built drawings reflecting cable tray and conduit routing changes.
- Performed pulling tension calculations and used proper lubricants for long cable pulls in conduit systems to prevent insulation damage.

Electrician cum Draftsman

Apex Construction, Trincomalee, Sri Lanka | Nov 2018 – Nov 2023

- Designed electrical layouts for 100+ projects using AutoCAD.
- Installed distribution panels and repaired circuits.
- Pulled and installed electricl cables for residential and commercial buildings, ensuring proper sizing and routing.
- Performed cable termination at switchboards, MCC panels, and lighting fixtures.
- Supervised cable pulling operations for underground and overhead systems.

Residential Electrician

Metropolis Construction, Trincomalee, Sri Lanka | Jul 2014 – Nov 2018

- Installed wiring and fixtures in residential buildings.
- Pulled electrical cables through walls, conduits, and attics for new construction and renovations.
- Performed cable termination at consumer units, switches, sockets, and lighting points.
- Installed and terminated cables for air conditioning units, water heaters, and kitchen appliances.

Technical Officer

United Nations Human Settlements Programme (UN-Habitat) | Apr 2011 – Jul 2014

- Provided technical guidance on housing and construction standards.
- Assisted in preparing technical designs, bill of quantities, and contract documents.
- Supervised construction activities and trained communities in building techniques.

Technical Officer

RDC (France Development Agency – TIIP Project) | Nov 2008 – Apr 2011

- Supervised highway construction (DBST, asphalt surfaces) and structures (culverts, drains).
- Conducted culvert and drainage setting-out and level checking.
- Performed road leveling and centerline marking.
- Monitored material quality, progress measurements, and daily/weekly reporting.

Technical Officer

North East Housing Reconstruction Programme | Nov 2006 – Nov 2008

- Oversaw housing and infrastructure construction, ensuring compliance with specifications.
- Maintained progress records and joint measurements.

EDUCATION & CERTIFICATIONS

- **Certificate in Electrical Wiring** | Zonal Education Dept., Sri Lanka | 2003
- **National Certificate in Civil Engineering** | DTET, Sri Lanka | 2008
- **NVQ Level 4 – Construction Site Supervisor** | TVEC, Sri Lanka | 2014
- **NVQ Level 3 – Electrician** | TVEC, Sri Lanka | 2023
- **Diploma in Construction Technology (NVQ 5)** | TVEC, Sri Lanka | 2019
- **Diploma in AutoCAD** | ICT Agency, Sri Lanka | 2008
- **Higher National Diploma in Information Technology** | Sri Lanka Institute of Advance Technological Education, Sri Lanka

OTHER CERTIFICATIONS AND TRAININGS

- **Contractor Workforce Qualification Assurance (CWQA)** Electrician
- **Professional Accreditation Certificate** Electrician
- **H2S & SCBA Awareness Training.**
- **Tropical Helicopter Underwater Escape Training.**

I do hereby certify that the above details and particulars are true and correct to the best of my knowledge.

M.Mohamed Siraj