

Hisham Abd El Mohsen Montaser Al aqeeq – Riyadh – Saudi Arabia

Tel: +966561005235

Transferrable Iqama

Driving License

mmontaser1519@gmail.com



Summery

As a highly skilled Electrical Engineer with a strong background in different electric systems (Medium Voltage, Low Voltage, Light Current. etc.).

I bring extensive experience in overseeing and optimizing electrical systems within water and wastewater treatment plants and different constructions. My expertise spans execution, supervision, tenders, estimation for all electric systems and also preventive maintenance, troubleshooting, and the Implementation of energy-efficient solutions to ensure operational reliability and compliance with safety regulations. With a deep understanding of electrical circuits, control systems, and automation technologies, I am adept at diagnosing and resolving electrical Issues swiftly, minimizing downtime, and enhancing the overall efficiency of plant operations. My technical proficiency, combined with a commitment to continuous Improvement, positions me as a valuable asset in establishing, constructing, maintaining and advancing the electrical Infrastructure of treatment plants and different constructions.

So that, i'm Seeking a job as an electrical engineer for a different electric systems (Medium Voltage – Low Voltage – Light Current ...etc.) in a professional and dynamic organization where I have chance to apply my skills and acquire knowledge along with the right tools to increase the present value of my organization and consequently myself.



Education

University Education:

University : Menoufia .

Certificate : Bachelor's degree in engineering .

Major : Electrical Power & Machines.

Grade : Good .

Graduation Year : 2007.

Graduation Project Title And Grade : special machines (SRM)- Excellent .

Work Experience

1-Kenooz almadaen for general contracting (2024 – 2025) in an Operation and Maintenance Project as “Manager of (Electrical) Maintenance” at the following sites which are affiliated to National Water Company (NWC):

- 1) North Jeddah Pumping Station
- 2)Alkharg Wastewater Treatment Plant
- 3)Alkharg Wastewater Pumping Stations

Responsibilities:

- ❖ (Reviewing and Preparation, Approval and Supervision of execution) for plans of all tybes of maintenance (preventive and corrective).
- ❖ Using computerized maintenance management systems as (Master - MAXIMO).
- ❖ Reviewing and Submitting maintenance reports and for approvals by project manager or the project owner.
- ❖ Ensuring compliance with safety and occupational health instructions at the project sites.
- ❖ Execution of project KPIs.
- ❖ Medium Voltage Switch gear and Distribution Panel Boards Maintenance
- ❖ Motors & Motor Control Center (MCC) Maintenance
- ❖ Water and Waste water pumps
- ❖ Lighting and Maintenance for site services
- ❖ Supervision on mechanical and piping maintenance works



- ❖ Operation and Maintenance or Modification of SCADA Software (AV'EVA Planet SCADA)
- ❖ Maintenance for Servers and Workstations (Hardware and Software)
- ❖ PLC Program Reliability and Modification
- ❖ Maintenance for RTUs
- ❖ Maintenance for Precision Measuring Instruments

2-Greater Cairo Water company " (GCWC) which it is a one of the affiliated companies of " The holding company for water and waste water " (HCWW) in " Technical Support Sector " as " Electrical Engineer " (2016 – 2024).

Responsibilities:

- 1_Responsible for preparing and reviewing technical specifications for tenders related to all equipment required by the department.
- 2_Oversaw the procurement of technical equipment and devices to meet the department's Requirements.
- 3_Supervision on electric and I&C works in building project of EMAAR PUMPING STATIONS in mokattam/Egypt.
- 4_Execution of electric systems (MV, LV, LC) in projects (Ameria extension – almaadi – tebeen – shoubra extension) water treatment plants (manshiet al bakery – al hyckstep – al qalaa – al ghaba – 4.5km booster) pumping stations.
- 5_Execution of computerized maintenance management systems by using MASTER program in company stations and boosters.
- 6_Preparing all sites in the company to achieve the sustainable technical certificate (TSM) as a quality certificate.
- 7_Supervision on electric works in building project of the 2nd floor of the technical school of water.
- 8_Installing power factors correction panels to improve the power factor in all company's sites.
- 9_ Technical Reports for the related tasks.
- 10_SCADA System upgrade project tender:-
 - 1_Servers and Workstations specifications
 - 2_Assistive devices specifications (printers - wall display - cctv ... etc.)
 - 3_ SCADA software specifications
 - 4_ 4G and Microwave-VHF communication system installation
 - 5_ Project processes and procedures supervision



6_ Member of the inspection, factory and site acceptance tests, testing, and commissioning committees for all project components

7_ Instrumentation Devices

8_ RTUs (Installing – Programming)

3-MGO Company for Constructions and Engineering Consultancy as Electrical Engineer (Project Sector "Technical Office") _ (2010 – 2016)

Responsibilities:

- Implementation review.
 - Review apply specifications and codes.
 - Review quantities of work.
 - Material approval.
 - Reviewing invoice.
 - Review shop drawings and panel schedules.
 - Review as-built.
 - Preparing site technical reports.
 - Supervised project execution and ensured compliance with design specifications and quality standards.
 - Reviewed contractors' payment certificates and verified the accuracy of work progress and quantities.
 - Ensured compliance with safety and occupational health standards at all project sites.
 - Coordinated with the contractor and the Owner for project approvals and commissioning activities.
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4-Universal Company for electric works and Contracting as "Electrical Engineer" (2007 – 2010).

Responsibilities

- supervising implementation.
- serving quantities .
- get material approval .
- Prepare, apply and get invoice approval.
- Prepare, apply and get shop drawing approval and panel schedules .



- Prepare, apply and get approval and get as-built.
- Coordination with another activities.
- project estimates.
- Follows up the work progress in the site to be sure it is matched with the set project plan.

Training Courses

- Cisco Certified Network Associate (CCNA 200-301) at "CLS Learning Solutions" training center within the period from (6/8/2023) to (21/8/2023).
- Network Security Professional NSE 4 Fortinet (FortiGate 601 E) at "CLS Learning Solutions" training center within the period from (13/03/2023) to (22/3/2023).
- WINDOWS Server 2022 administrator (MCSA) within the period from (29/01/2023) to (18/02/2023) at "CLS Learning Solutions" training center which is one of (Microsoft) certified centers as below:
M20740 storage and compute with windows server
M20741 networking in windows server
M20742 identity in windows server
- Training of trainers { TOT } at (Mostord technical Training Center / " Water company in Greater Cairo").
- Maintenance of Switch Gears, Circuit Breakers and Batteries at (Mostord Technical Training Center / " Water company in Greater Cairo").
- Following Troubles in Electrical Circuits at (Mostord technical Training Center / " Water company in Greater Cairo").
- Operation and Maintenance Of Motors at (Mostord technical Training Center / " Water company in Greater Cairo").
- Electrical Transformers Maintenance at (Mostord technical Training Center / " Water company in Greater Cairo").
- Electrical Cables Design and Installation at (Mostord technical Training Center / " Water company in Greater Cairo").
- Power Factor Correction at (Mostord technical Training Center / " Water company in Greater Cairo").



- Electrical Circuits Analysis at (Mostord technical Training Center / " Water company in Greater Cairo").
- Treatment and purification of drinking water at (Mostord technical Training Center / " Water company in Greater Cairo").
- Training in Cairo Company for Electricity generation at (Shoubra Elkhaima generation station).

Conferences And Seminars

- Participating attendance the fourth conference for the arab countries water utilities association (ACWUA) in 7-8 December 2011 Sharm Al Sheikh ,Egypt which we discuss the best practices for water and waste water utilities reform (Changes And Challenges).
- Attending a seminar for schinder electric company in intercontinental city star hotel ,Nasr city – Egypt.
- Attending a seminar in the factory of (MEMICO) company for manufacturing the electrical panel boards in the 10th of ramdan city ,Cairo – Egypt.
- Attending a seminar in the factory of (SEGA.M) company for manufacturing the electrical panel boards in the 10th of ramdan city ,Cairo – Egypt.
- Attending a seminar in the factory of (MADICO) – AHMED DAUOD CO. –for manufacturing electrical motors up to 630 KW for low voltage in the 6th of October city, Giza – Egypt .

Factory Tests

- Attending Factory Acceptance Test (FAT) for SCADA system software (Stream V4.17) in United Arab Emirates (Dubai) within the period from (25/02/2023) to (3/03/2023).
- Attending the electric inspection and tests for electrical cables with diameter (3*1.5 mm) ,(7*1.5 mm) ,(20*1.5 mm) in the Giza cables factory in the 6th of October city, Giza - Egypt .



Skills

Language Skills:

- Arabic: Mother tongue.
- English: Good.

Computer Skills:

- Good Knowledge in Software and Hardware Troubleshooting, Configuring and Troubleshooting Microsoft Windows (Server 2022 and 2019, 11, 10, 8.1, 8).
- Internet and MS Office skills.
- Enhanced Presentation, professional, self-motivated, good looking and good motivated.
- [https://: www.linkedin.com/in/hisham-montaser-a4b773318](https://www.linkedin.com/in/hisham-montaser-a4b773318)

Personality Key Strength

- Ability to work under pressure.
- Excellent team worker (as both team leader or member).
- Excellent communication skills.
- Totally committed to any work requirement under conditionally.
- Self-learning ability.
- Problem solving
- Analytical thinking
- Adaptability
- Flexibility
- Time management
- Organizational skills

References

- Will provided upon request.

