



AHMED METWALLY

SENOIR ELECTRICAL ENGINEER

Email: ahmedsaleh66@gmail.com | TEL : +966530819699 | RIYADH , SAUDI ARABIA

SUMMARY

- Electrical engineer 8 years experience in installation & maintenance for complex electrical systems (MV & LV) & light.current systems for large-scale projects . Expertise in installation , troubleshooting and enhancing system performance
- Skilled in installation & maintenance for MV switch gear , RMU , Transformers , ATS , Generator , MCC panel , MDP , VFD , soft starter , fiber optic network , scada system , fire alarm system , fire fighting system , FM-200 , water mist system , UPS , lighting and RO plants (water treatment plants)

Experience

IMAN-CO | RIYADH

Senior electrical engineer

07/2024 - Current

- Manage all PPM & CM all over project with monthly report
- Improve the KPIs for all team in project
- Facility management service engineer for tunnels , buildings , water treatment station & roads
- installation & maintenance for substation, RMU, transformers , Cables , MDP, SMDP, VFD , soft starter , motors, ATS & generator
- installation for fire alarm system (Simplex) to ensure compliance with safety standards.Performed
- installation & testing fire fighting systems for optimal functionality
- installation & maintenance for RO systems.(water treatment plants) , motors , pumps and instruments (endress & hauser)

El Nasr Company for Intermediate Chemicals

Electrical & Instruments Engineer

08/2023 - 06/2024

- Maintenance & troubleshooting for steam turbine generator 15 MVA
- Maintenance for Switch gears , Transformers , ATS , MDP , SMDP , MCC , VFD , MV soft starter , burners , motors , winchs and Gearbox
- Maintenance for all instruments (Endress & Hauser)

Petrokima for Engineering & Contracting

Electrical Site Engineer

05/2021 - 08/2023

- Installation & troubleshooting MCC panel & fire alarm system (simeins)
- Installation & troubleshooting BMS system (simeins) for new ministry of defins in Egypt
- Carried out installations to the highest standards and within company timeframes

Vodafone Egypt

Maintenance Engineer

10/2019 - 05/2021

- Managed maintenance and troubleshooting (PM and CM) of generators and power panels across all Vodafone sites in suez & al Sokhna
- Documented all maintenance activities, creating comprehensive reports for management review.

Ceramic Cleopatra Group

Electrical Maintenance Engineer

11/2017 - 12/2018

- Maintenance of burners, production line equipment, ovens, casting machines, winches and all motors
- Regulate & Management of motor speeds
- Investigated electrical failures, identifying root causes and implementing corrective actions to prevent recurrence
- Conducted routine and emergency maintenance on electrical systems, improving reliability and performance.

Education

- **BACHELOR OF ENGINEERING: ELECTRICAL POWER & MACHINES ENGINEERING / 2017**
- **faculty of engineering, shorouk acadmy / Egypt**

Certifications

- Full Design & distribution course
- Plc 300-400
- Classic control
- Data analysis with EXCEL & powe BI
- Network infrastructure
- PMP preparation course

Skills

- MV/LV distribution systems
- Technical support
- Electrical designing
- Cable schedules
- Project leadership
- Power system operation
- Fire alarm & fire fighting systems
- Installations and repairs
- BMS and home automation
- DIALux proficient