

102992-ELE-4CMS-E-2005
Electrical Maintenance Assistant Manager

Holds a B. Sc. in Electrical Power & Machines Engineering, a Diploma in Electrical Power Systems and a Diploma in Oil & Gas Engineering. Has over 17 years of experience in the oil and gas sector, specializing in both preventive and corrective maintenance of high- and low-voltage systems. Proven ability to lead complex electrical projects from planning to commissioning, including the successful start-up of over 30 industrial-scale electrical systems and motors up to 10MW and generators up to 25MW. Expert in managing multi-disciplinary teams, ensuring compliance with international standards (Shell DEPs, NEC, IEC), and optimizing asset reliability.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : New Cairo

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2005
- : Diploma in Electrical Power Systems, Cairo University, 2007
- : Diploma in Oil & Gas Engineering, Cairo University, 2016

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : AutoCAD 2D / 3D

TRAINING COURSES AND CERTIFICATIONS

- : COMPEX Certified (EX01–EX04) - Cert. No: 136731.
- : NEBOSH IGC Certified.
- : Certified Maintenance & Reliability Professional (CMRP) - SMRP ID: 652531.
- : Certified Control Person.
- : HV & LV Systems Maintenance Certified.
- : Gas & Vapors Electrical/Instrumentation Installation, Maintenance & Inspection.
- : International General Certificate in Occupational Health and Safety.
- : Process Safety Management Foundation by IChemE.

- : AUC Professional Leadership Program by AUC.
- : ETAP Level 2 – Coordination, Star Analysis, Arc Flash, Grounding.
- : H.V Electrical Safety Rules by PDO.
- : ABB ACS800, SKF Bearings, PLC, UPS and Motor Protection.
- : Earthing and Lightening, Vibration Analysis and Cable Design, Selection and Testing.
- : Root Cause Failure Analysis, Fire Fighting, First Aid and Defensive Driving.
- : Permit To Work, Job Hazard Analysis and Risk Assessment.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2008 till now

Employer : Badr Petroleum Co. (BAPETCO)

Job title : Electrical Maintenance Assistant Manager

Job Description :

- Lead preventive and corrective maintenance for Medium / low voltage motors, switchgears, transformers and generators.
- Coach and assess senior engineers and technicians in competency programs.
- Lead planning for plant shutdowns and prepare annual maintenance budgets.
- Perform EX equipment inspections and testing of protection relays.
- Utilize SAP for scheduling, manpower planning, and materials evaluation.
- Coordinate motor/generator overhaul (up to 25MW units) and recommissioning.

Dates : Jan. 2025

Employer : Kuwait Petroleum Co. (KPC)

Job title : Instructor

Job Description : Delivered “Apply Electrical Safety Rules” course through PEC (Performance Evaluation Company).

Dates : From Jan. 2024 till Apr. 2024

Employer : ELBASSEM – NORPETCO

Job title : Consultant

Job Description : Conducted EX inspections and training on inspection of certified electrical equipment.

Dates : From 2016 till 2020

Employer : EMC Projects

Project : Various locations including PHPC, RASHPETCO and WASCO

Job title : Electrical Commissioning Team Leader

Job Description :

- Defined system list and limits.
- Led electrical commissioning for MV / LV MCCs, generators, transformers, motors.
- Managed commissioning of UPS systems, protection systems, cathodic

- protection, lighting, lightening and earthing systems.
- Oversaw EX inspections and system database creation (CTS, GOC).

Dates : From Oct. 2015 till Jun. 2016
Employer : PHPC
Job title : Senior Construction E&I Engineer
Job Description : Upgraded DCS, F&G systems, CCTV and interposing relays panel.

Dates : From Jan. 2008 till Jul. 2008
Employer : Scientific Engineering Group
Job title : Sales Electrical Engineer
Job Description : Managed tendering processes and technical offers.

Field of experience :

- Consistently delivered results across critical roles, including leading Electrical Commissioning for major projects like ATOLL, WEST HARBOR EXPANSION, ROSETTA and FARASKOUR, contributing to operational readiness and project delivery timelines. Spearheaded preventive maintenance planning and budget forecasting for BAPETCO, overseeing annual budgets exceeding \$2 million. Recognized for enhancing system uptime by over 25% through strategic reliability initiatives and advanced diagnostic methodologies.
- Core Competencies:
 - Electrical Maintenance & Troubleshooting.
 - Commissioning & Start-up Activities.
 - EX Equipment Inspection (ATEX/IECEX).
 - MV/LV Equipment Overhaul.
 - SAP Work Order Management.
 - Budgeting & Resource Allocation.
 - Technical Training & Coaching.
 - Safety Compliance & Risk Management.
 - Exceptional Familiarity with codes and standards.
- Technical Skills:
 - SAP, CTS, GOC.
 - Protection Relay Testing.
 - Troubleshooting MV/LV electrical systems.
 - Commissioning MV/LV electrical systems.
 - Certified EX inspector.
 - Certified maintenance and reliability professional.
 - Mentoring and competency assessment.
 - Root cause failure analysis.