

Holds B. Sc. and M. Sc. in Electrical Engineering and has over 13 years of extensive technical experience in the Oil & Gas production company gained from working in various onshore assets for joint ventures in Egypt. In addition, a certified Ex Inspector from CompEx.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1985
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Engineering, Mansoura University, 2007
: M. Sc. in Electrical Engineering, Alexandria University, 2015

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: CompEx inspector Ex01, Ex02, Ex03, Ex04.
: Electrical Safety Rules (ESR), Petroleum Development of Oman (PDO).
: Senior Authorized Electrical Person (SAEP).
: Shell Employees Development & Competency Programs "Complete Competency tasks" HSE & Technical tasks.
: SHELL TR-MIE Maintenance & Integrity Execution Program Level 3 (Professional SAP user).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2017 till now
Employer : BAPETCO JV (Shell Joint Venture)
Project : Bed-3 Field, Egypt

Job title : Electrical Advisor
Job Description :

- Coached 7 electrical engineers on all electrical aspects and raised their competency levels enabling them to fill the electrical supervisor's role.
- Competency lead for Electrical safety rules (ESR) and on job technical training for engineers and technicians in maintenance/project team.
- Advise maintenance team in all aspects of equipment installation, repair, operation and maintenance, modification, troubleshooting, and testing.
- Overlooked the planning, preparation & execution of all electrical scope for Bed-3 total shutdown and optimized the execution duration by 10%.
- Carried out the detailed assessment on the main low voltage circuit breakers of main Bed-3 substation and led their upgrade project budgeted around \$150,000.
- Managed upgrading the medium voltage switchgear project at Bed-3 camp to substitute diesel generators saving around \$400,000 and improving the reliability of the system by 20%.
- Changed the structure and the agenda of the daily huddle meeting to improve the effectiveness and business outcomes accordingly.

Dates : From Jun. 2016 till now (part time)
Employer : British Petroleum (BP)
Project : West Nile Delta (WND) Project, Egypt
Job title : E/I QC – Ex Inspector Team Leader
Job Description :

- Carried out extensive practical training for assigned team on installation of Ex equipment for 6 months prior to construction to ensure the competence levels are achieved.
- Managed 30 engineers and technicians during the construction phase to install all electrical/instrument equipment in accordance with ATEX for WND project worth \$12 billion.
- Perform QA audits reviews, surveillances and follow-ups on multiple sites on a daily basis, ensuring Contractors team complies with all applicable codes, specifications.
- Carried out all Ex Inspection electrical, Instrumentation & Communication equipment in accordance to standard IEC-60079-17 / IEC 60079-14 for all zones and issued detailed inspection reports.
- Created/maintained an Ex register for all Ex equipment in hazardous areas.

Dates : From Jun. 2014 till Jul. 2017
Employer : BAPETCO JV (Shell Joint Venture)
Project : Bed-3 Field, Egypt
Job title : Electrical Maintenance Supervisor
Job Description :

- Prepared the power plan, switching program, resources & work packs for 2 total shutdowns and more than 15 train shutdowns.
- Led Hardware Barrier Assessments and developed a clear gap closure plan to ensure the all gaps are closed effectively and timely.
- Led numerous root cause analysis sessions – using 5 whys methodology – identifying bad actors and ensure corrective actions are implemented as per target dates.
- Developed the maintenance plan and updated the asset register for Sitra

field.

- Spearheaded 12 plant modification and led their implementation in the field to improve the overall reliability and production uptime of the plant by 5%.
- Prepared the annual budgets including capex & opex in the region of \$350,000 for execution of all preventive & predictive maintenance programs in addition to the minor projects.
- Organized on job technical training to meet competency-training programs for all electrical staff (Engineers and technicians) including ESR, LOTO and Ex equipment.
- Prepared and managed purchasing of all materials including technical evaluation, evaluating commercial bids from suppliers and subcontractors.

Dates : From Jul. 2012 till May 2014
Employer : BAPETCO JV (Shell Joint Venture)
Project : Assil & Karam Project
Job title : Operations Readiness & Assurance Electrical Team Lead
Job Description :

- Led electrical team to deliver the biggest Shell project in 2014 worth \$450 million safely and timely.
- Reviewed all project documents, drawings and detailed design packages.
- Participated in all HAZOPs, HAZIDs, technical reviews and pre-start-up audits as the sole accountable electrical department representative.
- Liaised with project engineers, engineering contractors and operation to ensure flawless delivery from front end design to full-scale operations.
- Developed the commissioning strategy and issued the start-up procedures for the project.

Dates : From Jul. 2008 till Jun. 2012
Employer : BAPETCO JV (Shell Joint Venture)
Project : Bed-3 Field, Egypt
Job title : Electrical Maintenance Engineer
Job Description :

- Managed all day-to-day electrical activities for the electrical workshop including preventive, corrective & predictive maintenance adhering to industry standards and codes such as DEP & IEC.
- Led a team of 4 technicians in planning and execution of 8 partial shutdowns and 1 total shutdown
- Participated in root cause failure analysis for various failures and trips and defined short term & long term actions to resolve the issue and prevent reoccurrence.
- Participated in commissioning and start-up of NEAG power station project – worth \$450,000 – to supply oil wells.