

Holds a B. Sc. in Electrical Power Engineering and has over 18 years of progressive experience in the Power Generation and Utilities sectors, proven track record in overseeing and leading all facets of construction, operations and maintenance processes from inception to completion encompassing technical, financial and feasibility studies/planning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 29/05/1982  
Gender : Male  
Marital Status : Married  
Residence : New Maadi, Cairo

## EDUCATION

: B. Sc. in Electrical Power Engineering, Aswan University, 2004

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Certified Maintenance & Reliability Professional (CMRP) - Society for Maintenance and Reliability Professionals (SMRP), Issued Oct. 2022.
- : Certified Energy Manager (CEM) - Association of Energy Engineers (AEE), Issued Feb. 2023.
- : Pan Arab - Certified Energy Management Professional (PA-CEMP) - Regional Center for Renewable Energy and Energy Efficiency (RCREEE), Issued Jun. 2019.
- : Maintenance & Reliability Professional Roadmap, RES Global, Egypt, 2019.
- : Components Reuse and After Failure analysis 1 training, Caterpillar Service Training Center, Spain, 2018.
- : Visible Felt Leadership (VFL), SETTEC, Egypt, 2018.
- : Leadership Excellence, DALE CARNGIE TRAINING, Egypt, 2015.
- : Maintenance Planning and Scheduling, ProServe, Egypt, 2015.
- : Lubrication & Grease Fundamentals, ExxonMobil Fuels & Lubricants, Egypt, 2015.

- : Finance for Non-Financials, AmCham, Egypt, 2014.
- : Principles of safety Culture for Managers, SETTEC, Egypt, 2014.
- : PMP Project Management professional training, Becom Academy, Egypt, 2013.
- : Safety Operation and Maintenance in Switchgears and switchyards, Team Misr Engineering and Consultants, Egypt, 2009.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2013 till now
- Employer** : TAQA Arabia/Power Group, Cairo, Egypt
- Job title** : Generation Department Manager
- Job Description** :
- Supervise the team of over 40 members, including engineers, supervisors, technicians, and administrative staff to take appropriate action and accountability for their assigned work. Appoint to lead operations and maintenance management activities of power generation and utilities facility, including setup strategies, processes, and different maintenance programs for smooth running of work. accountable for major capital maintenance/expansion projects, from concept, feasibility studies, equipment, and vendor selection, and contract negotiations by managing the EPC contractor and related consultants through construction and commissioning. Control overall budget of over E£30M for company's operations, maintenance, and overhauls through strategic planning and collaboration. Formulate and implement business short, medium, and long-term strategies in-line with company's guidelines and timescale by co-ordinating with management team. Define and execute department policies and procedures, develop KPI measures, and ensure the safe availability and reliability of power supply by inspecting plants condition. Monitor operational and maintenance plans/reports to ensure the adherence of regulatory compliance regarding safety/quality standards.
  - Oversaw annual maintenance budget of \$1.7M, including cost projections, capital, and resource needs.
  - Chaired plant's preventive and predictive maintenance programs.
  - Installed Natural Gas power plant and Diesel plant of 50MW for Oil & Gas, Cement, Tourism sectors within timely and budgetary constraints.
  - Lessened plants running expenses in-terms of fuel consumption, oil change intervals, and spinning reserves equipment running hours and over-time.
  - Achieved optimum operating conditions by ensuring all team follow safe work practices and standard operating procedures as company's policies and procedures.
- Dates** : From May 2010 till Mar. 2013
- Employer** : TAQA Arabia/Power Group, Beni Suef, Egypt
- Job title** : Branch Manager
- Job Description** :
- Administered project annual budget of E£15M and spearheaded crews' team of over 30, including engineers, technicians, and administrative staff accountable for putting the facility in commercial operation from staffing the new facility, preparing budgets, training, commissioning,

permits/commercial issues, and setting up various systems, including safety, constructions, operations, maintenance, negotiating fuel contracts up to bringing the plant into commercial operation. Analyzed and mitigated all risks and opportunities associated with project in timely manner.

- Fulfilled clients' expectations as per contract and managed company's commitments towards customer satisfaction.
- Completed project within timely and budgetary constraints without compromising safety incident by leading plant turnarounds and work of 10 contracts.
- Prepared and updated weekly progress reports, which demonstrate proper detail of project, relating with engineering, procurement, and construction operations.

**Dates** : From Jun. 2008 till May 2010  
**Employer** : TAQA Arabia/Power Group, Beni Suef, Egypt  
**Job title** : Operation & Maintenance Manager  
**Job Description** :

- Headed all aspects of operations, maintenance, and administrative site activities, which consist of two diesel power plant 40 MVA to meet the demand of the cement facility. Diagnosed and repaired electrical and mechanical faults, while responding in emergencies as required. Reviewed workloads and schedules for interpreting policies/procedures. Enabled work for future maintenance departments by maintaining record/maintenance history of equipment and documenting manuals. Ordered consumable materials/spare parts as needed by observing and tracking expenditures for the site/section. Performed periodic evaluations of subordinates and suggested and applied discipline as required. Collaborated with professional, engineers, and related experts of all disciplines.
- Attained accident-free operations by implementing appropriate safety practices.
- Secured 25% maintenance cost by leading and executing cost-cutting efforts that, while working with operation and maintenance team.
- Contributed to assist company in the selection of staff.
- Provided strategic guidance, recommendation, and direction to teams for consistent improvement and development.

**Dates** : From Apr. 2006 till Jun. 2008  
**Employer** : Travco Group, Hurghada, Egypt  
**Job title** : Utilities Area Acting Manager  
**Job Description** :

- Spearheaded crews of over 30 members including engineers, technicians, Labours, and administrative staff. Established robust relationships with all levels of management and potential stakeholders.
- Led and managed site activities include two power generation plants 8.5 MVA and 7.8 MVA, Medium Voltage Networks, Two Sewage Treatment Station (4000 square meter overall capacity), and two destination Station (8000 square meter overall capacity).

**Dates** : From 2004 till 2006  
**Job Description** : Operation and Maintenance Engineer in Suez Canal Authority and Sales Engineer of own business.

**Field of experience** :

- Highly analytical and results-driven Operational, Assets Maintenance & Reliability Management Executive and accomplished Energy Management leader with over 18 years of progressive experience in the Power Generation and Utilities sectors, Proven track record in overseeing and leading all facets of construction, operations, and maintenance processes from inception to completion encompassing technical, financial, and feasibility studies/planning. Demonstrated expertise in engineering due diligence, value engineering, and successful execution of complex power plant installations including installation, commissioning, start-up, and performance testing management. Strong technical acumen in Diesel/Gas fired Gen sets, CHP Plants, Gas Turbine Plants, and related equipment, coupled with a robust technical background in technologies and equipment's including Transformers, switch gears synchronizing systems, and Scada systems. Proficient in analyzing organization's support requirements, identify deficiencies, opportunities, Adept at developing and executing strategic plans and effective solutions for enhance reliability, availability, and performance. Elite communicator establishing strong relationships with all levels of management.
- Key Competencies:
  - Strategic Planning & Execution.
  - Operations & Maintenance Management.
  - Policy Development & Implementation.
  - Power Plant Performance Auditing.
  - Power Plants Equipment's Sizing.
  - Team Leadership & Coaching.
  - Power Project Management.
  - Quality Assurance.
  - Contract Management.
  - Energy Management.
  - Stakeholder Engagement.
  - Budget Management.
  - Regulatory Compliance.
  - Process Improvement.
  - Risk Assessment & Mitigation.