

**103101-ELE-12CMOS-E-1982**  
**Senior Electrical Instructor / Electrical Dept. Manager**

Holds a B. Sc. in Electrical Power Engineering and has over 35 years hands-on experience working in construction, maintenance, operation and start-up.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 12/11/1958  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## EDUCATION

: B. Sc. in Electrical Power Engineering, 1982

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Training course in management of Power Plant & Substation system for 7 months with Bechtel Consulting American Company.
- : Training course in industrial safety for 2 months with Civil Defence Institute on Egypt.
- : Training course in operation & maintenance of combined cycle unites for 2 months with ABB Company.
- : Training course in operation & maintenance of steam turbines generators for 2 months with Westinghouse.
- : Training course in management of Power plants & Substation system for 2 months in U.S.A.
- : Training course in computerized maintenance material management system for 2 months with SCECO-West in Saudi Arabia (Rabigh Steam Power Plant).
- : Microsoft Office (Microsoft Word, Excel, Power Point).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Sep. 2016 till now  
**Employer** : Cairo North Training Center (CNTC)  
**Job titles** : Senior Electrical Instructor / Electrical Department Manager  
**Job Description** : Senior Electrical Instructor for the following Training Courses:

- POWER TRANSFORMER, CONSTRUCTION, OPERATION & MAINTENANCE.
- GAS INSULATED SWITCHGEAR (GIS).
- BATTERIES AND UPS.
- GENERATOR ,CONSTRUCTION, OPERATION & MAINTENANCE.
- GENERATOR PROTECTION.
- FUNDAMENTALS OF POWER SYSTEM PROTECTION.
- CATODIC PROTECTION.
- MOTORS AND MOTORS PROTECTION.
- MODERN ILLUMINTION AND LIGHTING SYSTEM.
- EARTHING SYSTEM, LIGHTINING AND SURGE ARRESTORS.
- PREVENTIVE MAINTENANCE OF ELECTRICAL EQUIPMENTS.
- REPAIR AND MAINTENACE OF ELECTRICAL MOTORS.
- AUTOMATIC CIRCUIT BREAKERS (SF6, OIL, AIR BLAST & VACUUM).
- TENDERING &TENDER ANALYSIS.
- CONTRCACTS STUDYING.

**Dates** : From Nov. 2014 till Sep. 2016  
**Employer** : Kharafi National – KUWAIT  
**Job title** : Electrical Consultant Engineer

**Dates** : From Nov. 2010 till Nov. 2014  
**Project** : Cairo West Power Plant units 7 & 8  
(consists of 2x350MW steam turbine units)  
**Job title** : Senior Electrical Construction Engineer  
**Job Description** : Construction follow up & review contract specifications related to all electrical equipments.

**Dates** : From Nov. 2006 till Nov. 2010  
**Employer** : Altoukhi Co. (TIT) &TDP Co.  
**Project** : Execution of generation power plant & GIS substation (KSA)  
**Job title** : Construction Electrical Manager  
**Job Description** :

- Totally responsible for the project execution, design, manufacturing, construction, testing & commissioning, cost control, time schedule and quality assurance till the power plant &substation been energized before the scheduled date.
- Coordinate with client & subcontractors and vendors on technical specifications requirements, propose solutions.
- Evaluation, selection and apply engineering standard.
- Preparation of written & oral reports to the end client, SECECO (progress report).

- Manage the Estimation / Contract affair effectively.
- Arrange competitive bids in accordance with the tenders and realistic Project Planning.
- Provide support by preparing technical specifications to the Project Execution Department.
- Review and recommend appropriate amendments to all sections of the formal bid packages to ensure clarity of requirements from legal, commercial and technical viewpoint.
- Proficient in evaluating and assembling of Bid data.
- Negotiating, administering and finalizing contracts with prospective Client for needed services as per the company procedures for successful Contracts.
- Ability to ensure compliance and to perform with constraints of contract terms and conditions with all applicable laws, standards and regulations.

**Dates** : From Nov. 2004 till Oct. 2006  
**Employer** : Egyptian Electric Power System (EPS)  
**Project** : Nubaria Power Plant (consists of 2x750MW combined cycle modules)  
**Job title** : Senior Electrical Start-up Engineer  
**Job Description** :

- Construction follow up & review contract specifications related to all electrical equipments.
- Commissioning & start-up of different electrical equipments of power plant.
- Performing all tests related to electrical equipments and review specifications & settings.
- Ensuring of application of all safety procedures at site.

**Dates** : From Jul. 1997 till Nov. 2004  
**Employer** : Egyptian Electricity Authority  
**Project** : Cairo West Power Plant & Substation  
**Job title** : Senior Electrical Maintenance Engineer  
**Job Description** :

- Performing routine, preventive & corrective maintenance of different electrical equipments of power plant & GIS substation.
- Planning for schedule maintenance & overhaul (monthly, 6 months & annually).
- Lead the technical resources towards improved power station equipments reliability.
- Managing on electrical maintenance department regarding staff, spare parts, Overhaul & schedule Maintenance plan.
- Planning for spare parts required for electrical equipments.
- Technical studies & analysis of equipment tenders required for power plant & substation.
- Provide training and personal development for engineering team.

**Dates** : From Jul. 1995 till Jul. 1997  
**Employer** : EEA  
**Project** : Shoubra El-Kheima Power Plant & Substation  
**Job title** : Senior Shift Charge Engineer

**Job Description** : 

- Normal & emergency operation of generating power plant and troubleshooting of it.
- Performing all tests related to power plant and review specifications & settings.
- Safe isolation and restoration of all power plant & substation equipments.
- Follow up with maintenance departments all activities and works.
- Switching operations (Maneuvering) of HV & MV Switchgear.
- Ensuring of application of all safety procedures at power plant & substation.
- Provide training and personal development for engineering team.

**Dates** : From Mar. 1991 till Jul. 1995

**Project** : Rabigh Power Plant & Substation (SECECO-WEST) – KSA

**Job title** : Senior Shift Charge Engineer

**Job Description** : 

- Operation of C.M.M.S. (Computerized Maintenance Management System).
- Normal & emergency operation of power plant and troubleshooting of it.
- Performing all tests related to power plant and review specifications & settings.
- Safe isolation and restoration of all power plant & substation equipments for permit to work (PTW).
- Follow up with maintenance departments all activities and works.
- Switching operations (Maneuvering) of HV & MV Switchgear & coordination with dispatch.
- Ensuring of application of all safety procedures at power plant & substation.
- Provide training and personal development for engineering team.

**Dates** : From Nov. 1983 till Feb. 1991

**Employer** : EEA

**Project** : Shoubra El-Kheima Power Plant & Substation

**Job title** : Senior Shift Charge Engineer

**Job Description** : 

- Normal & emergency operation of power plant and troubleshooting of it.
- Performing all tests related to power plant and review specifications & settings.
- Safe isolation and restoration of all power plant & substation equipments for permit to work (PTW).
- Follow up with maintenance departments all activities and works.
- Switching operations (Maneuvering) of HV & MV Switchgear & coordination with dispatch.
- Ensuring of application of all safety procedures at power plant & substation.
- Provide training and personal development for engineering team.