

**100532-ELE-2DPSTuwyz-E-1980**  
**Senior Commissioning Coordinator**

Holds a B. Sc. in Electronic Engineering and has more than 37 years of professional experience in the field of HV S/S 500KV, 220KV, 132KV, 33KV, 13.8KV.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 05/03/1957  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electronic Engineering, Menoufia University, 1980

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Completed a course in the application and operating theory of power line carrier equipment (GE), USA (Jul. 1991).
- : Operation and maintenance training program system design (500KV protective Relaying) (Gilbert), USA (Aug. 1989).
- : ABB Relays and protection systems (Baden), Switzerland (Sep. 1989).
- : Authorization of operation system for 132KV S/S at central region (May 1994).
- : Protection Relay testing by multiamp equipment (Jun. 1995).
- : Testing and commissioning protection relays type NEI (Jun. 1996).

## CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 1993 till now  
Employer : SEC – Saudi Arabia

- Projects** : Sites inside KSA (Central Region) Qassim:
- S/S 9010 (Biyradah) 380/132/13.8KV
  - S/S 9032 (Biyradah) 380/132/13.8KV
  - S/S 9025 (Al-Ras) 380/132/13.8KV
  - Biyradah (S/S 8824, S/S8825, S/S 8826, S/S 8828, S/S 8829, S/S 8830, S/S 8831, S/S 8832, S/S 8600, S/S 8601, S/S 8603, S/S 8500) 132/33KV
- Job title** : Senior Commissioning Coordinator
- Job Description** :
- Secondary Design Review for all protection system & control system (interlock, alarm Systems, interface & Scada system).
  - Supervisor, inspection & testing the Control & protection panels in the factory Power activity.
  - Review the setting calculation for protection.
  - Over all commissioning for new S/S (testing protection & control system).
  - Troubleshooting S/S & fault analysis for new S/S after energizing.
  - Preparing the commissioning final report.
  - Preparing the planning of S/S energizing for all new projects.
  - Review all schematic drawing for substations before starting the Commissioning.
  - Fully testing of switchgear, site commissioning for all switchboard, protection Relays and interface control circuit.
  - All type of primary and secondary testing, adaptation work, Energizing S/S.
  - Make all site modification if necessary.
  - Fully testing of switch gear (C.T, V.T, C.B, Isolator).
  - Adding Capacitor bank Adaptation work supervision, interface with existing S/S system .
  - All type of primary B.B Stability, Transformer Stability and secondary testing, adaptation work, Energizing substation.
- Dates** : From May 1991 till Jul. 1991
- Employer** : Egyptian Electricity Authority - Egypt
- Project** : Cairo 500KV - 500/220/11KV S/S - Egypt
- Job title** : Protection Engineer
- Job Description** :
- Over all Protection Routine test, Fault analysis & trouble shooting.
  - Testing the protection & control of O.H.T.L 500, 220 & 11KV.
  - Distance protection, O.C. D.E.F Protection B.B. protection, ...
  - Testing the protection & control of transformer 500/220/11KV.
  - Differential protection, O.C. Protection, ...
  - Fault analysis.
  - Working in the project of Rehabilitation of protection, control system.
  - C.T, V.T, C.B. 500 & 220KV.
- Dates** : From Jul. 1987 till May 1991
- Employer** : Egyptian Electricity Authority - Egypt
- Project** : Cairo 500KV - 500/220/11KV S/S - Egypt
- Job title** : Communication Engineer

**Job Description** : Over all Communication system, Routine test, Fault analysis & trouble shooting.

- Field of experience** :
- Key Qualifications:
    - Electronic Engineer more than 37 years of professional experience in the field of HV S/S 500KV, 220KV, 132KV, 33KV, 13.8KV.
    - Secondary Design Review for all protection system & control system (interlock, alarm Systems, interface & Scada system).
    - Review the setting calculation for protection.
    - Supervisor, inspection & testing the Control & protection panels in the factory.
    - Over all commissioning for new S/S (testing protection & control system).
    - Troubleshooting S/S & fault analysis for new S/S after energizing.
    - Preparing the commissioning final report.
    - Preparing the planning of S/S energizing for all new projects.
  - Skills:
    - Complete commissioning for substations (fully testing of switchgear, site commissioning of all switchboard, protection relays, metering and interface control circuit also low voltage AC & DC distribution board, Battery Charger & batteries).
    - Review all schematic drawing for substations.
    - Make all site modification if necessary.
    - Review Design protection scheme, control & interlock circuit.
    - Familiar with different types of protection scheme.
    - Design adaptation work to transfer all data (signal & commands) to RTU Preparation of site test sheets and test procedure.
    - Review relays setting and review setting calculation.
    - Familiar with different type of modern numerical protection relays.
    - Capability to carry out investigation work on protection system prepare protection schemes.
    - Knowledge to analyze abnormalities and recommend preventive action related to Protection and Control system.
    - Inspection of protection and metering equipment at site and factory.