

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years hands-on experience in maintenance of high and low voltage control system and generators control system at Power Station and Water Treatment Station.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 26/06/1980  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2002

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : One month on-job training by ALSTOM in Massy close in Paris (France), Jan./Feb. 2006:
  - ALSPA P320 SYSTEM CL01-ES-S5-Centralog Operation & Maintenance "DCS Control".
  - Alspa P320 Distributed Control System Product Operator and plant Driving Activities.
- : One month on-job training by CONISYS in NUBARIA Power Station, Jun./Jul. 2005:
  - SF6 Single Pressure Gas Circuit Breaker.
  - Disconnecting Switches.
  - Distribution System AC/DC Charger.
  - Surge Arrestor.
  - Voltage Transformer.
  - Current Transformer.
  - Auto Transformer.

- : 50 hours training by WDEPC in Abu Qir Training Center, May/Jun. 2005:
  - Maintenance Combined Cycle.
  - Operating Combined Cycle.
- : Operation and maintenance for fire and fighting system (Chemtrol Proyectos Sistemas, S.L.C., Madrid - Spain), NUBARIA Power Station, Jun. 2006.
- : 96 hours GAS TURBINE operation and maintenance training program (SIEMENS), NUBARIA Power Station.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2006 till now
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : NUBARIA Combined Cycle Power Station I & II (2x750MW):
- Two modules, each module consists of:
    - Two Siemens CTG 250MW
    - Two horizontal Alstom HRSG
    - One Mitsubishi STG 250MW (HP, IP, LP)
  - 220KV switchyard, 500KV switchyard
  - Four Tie transformer 500/220KV
  - Medium and low voltage switchgears
  - Eight outgoing circuit 220KV, two circuit 500KV
- Job title** : Electrical Maintenance Engineer
- Job Description** :
- Preventive maintenance program (daily, weekly, monthly, yearly).
  - Make electrical maintenance for the most component of plant.

- Dates** : From Jun. 2005 till Jul. 2006
- Employer** : West Delta Electricity Production Company (WDEPC)
- Project** : NUBARIA Combined Cycle Power Station I & II (2x750MW)
- Job Description** :
- Receiving electrical materials from vendors making material receiving report (MRR) for all materials in the site.
  - Construction, pre-commissioning and field inspection for all electrical equipment in the site.
  - Commissioning and start-up for all electrical equipment in the site as following:
    - Earthing system.
    - ZTR Ukrainian Company - Commissioning by Conisys - Shaker Group:
      - High voltage transformers 500/220LV tie transformers (visual check, insulation resistance, no load loss and current, oil temp, oltc checking, primary to earth, winding temp, etc.).
      - High voltage transformers 16.5/500KV main transformers for Siemens gas turbine.
      - High voltage transformers 15/500KV main transformers for Mitsubishi steam turbine.
      - Medium voltage transformers 16.5/6.3KV auxiliary transformers.
    - Electrical equipment of steam turbine units (MELCO) Mitsubishi Electric Company:
      - Excitation transformer of steam turbine generator 15KV/600V.
      - Generator and it is panels (PT & SA, control panel, auxiliary panel, protection panel, NGR panel).

- Switchyard of 500KV Japan AE Power Systems (supplied by Consys - Shaker Group):
  - Site test on 550KV gas circuit breaker (anti-pumping, switching, etc.).
  - Site test on current transformers and voltage transformers (turns ratio, saturation, etc.).
- Switchyard of 220KV (supplied by ABB):
  - Site test on 220KV gas circuit breaker (anti-pumping, switching, etc.).
  - Site test on current transformers and voltage transformers (turns ratio, saturation, etc.).
- Electrical equipment of gas turbine units supplied by SIEMENS:
  - Static excitation equipment (SEE).
  - Static Frequency converter (SFE).
  - Generator protection.
  - Batteries / charger / DC-DC converter.
- INITEC Energia Spain:
  - Construction, pre-commissioning and commissioning for all medium voltage (SCHNEIDER EQUIPMENT), insulation resistance, etc.).
  - Medium voltage 6.3KV switchgear with 4 incoming 6.3/0.4KV dry transformers.
  - All medium and low voltage breakers.
  - 400V bus bars MCC (Motors Control Center).
  - Insulation resistance test for all types of cables and bus ducts with high DC voltage.
  - Testing for motors (rotation direction, earthing, winding, etc.).
- INITEC Energia Spain and Global Partner Company Egypt:
  - All tests and commissioning for U.P.S. and DC system including:
    - Battery tests (charging and discharging, cell voltage, capacity, etc.).
    - Battery charger and inverter tests.
- Water treatment electrical equipment (MCC, distributed panel and motors).

**Dates** : From Oct. 2004 till Jun. 2005  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : NUBARIA Combined Cycle Power Station I & II (2x750MW)  
**Job title** : Electrical Maintenance Engineer  
**Job Description** : Make electrical maintenance for the most component of plant.