

Holds a B. Sc. in Electrical Power Engineering and has about 21 years hands-on experience in electrical power protection and control systems. Gained his experience by working in design, start-up, installation, operation and maintenance of such systems in submarines, marine equipment and diesel generators. Has deep knowledge of LV, MV and HV (up to 220KV) systems control and protection.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 18/10/1967  
Gender : Male  
Residence : Mansoura

## EDUCATION

: B. Sc. in Electrical Power Engineering, Mansoura University, 1990

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2008 till now  
**Employer** : EGYPTROL (Seconded to ABB Mannheim)  
**Project** : Benghazi Conveyence Pump Station C-319, Libya  
**Job title** : Senior Electrical Engineer  
**Job Description** :

- Commissioning and start-up of pumping station 319 and its 66KV/11KV substation at Benghazi, including all protection relay setting and testing.
- Preparation of energizing procedures.
- Client inspections and final handing over of equipments.

**Dates** : From 2002 till May 2008  
**Project** : Sandoub (Mansoura) Substation 220/66/11KV:  
6 lines 220KV, 8 lines 66KV, 27 feeders 11 KV, 3Trx 220/66KV, all ABB switchgear and protection relays  
**Job title** : Chief of Protection Department  
**Job Description** :

- Testing of protection relays (Siemens, Micom, Sel, ABB).
- Managing shift operator and maintenance staff.

- Prepare and approve all procedures for preventive and corrective maintenance work orders and follow up maintenance activities.
- Monitor and implement safety programs and permits approvals.

**Dates** : From 1996 till 2002  
**Employer** : SINDIBAD Submarine (Hurgada)  
**Job title** : Lead Maintenance Engineer  
**Job Description** :

- Operation and maintenance of floating docks.
- Maintenance of AC Generators, Air Compressors, Navigational Equipment.
- Maintenance of fire alarm and fire protection systems, gas-analyzing systems, DC to AC Inverters (Analog Type).
- Maintenance and analyses of Batteries, VHF Radio, Thrusters, Pumps.
- Air Conditioning Systems and Under Water Maintenance (Scuba Dive).

**Dates** : From 1995 till 1996  
**Project** : Sandoub Substation 220/66/11KV (Mansoura)  
**Job title** : Operation Engineer  
**Job Description** : Fully responsible for managing operation shifts for the substation.

**Dates** : From 1993 till 1995  
**Project** : Kafr El Batteekh Power Station (Damietta)  
**Job title** : Shift Lead Operation Engineer  
**Job Description** :

- Operation of switchgear and gas and steam stations.
- Operation of protection devices of High Voltage Transmission Line.

**Dates** : From 1990 till 1993  
**Employer** : Misr Electrics Co.  
**Job title** : Design & Installation Engineer  
**Job Description** :

- Design and installation of shooting valleys for the Egyptian Military forces.
- Design of control panels for shooting valleys.