

Holds a B. Sc. in Electrical Power Engineering and has about 7 years experience in maintenance, testing and protection electrical equipments in power plant.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 04/05/1980  
Gender : Male  
Marital Status : Single  
Residence : El-Behira

## **EDUCATION**

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

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office  
: AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: PLC course (Programmable Logic Control).  
: Generator Protection course.  
: Training in El Mahmoudia Transformer Distribution Station on protection devices and maintenance of transformer.  
: Training course on preventive maintenance for steam & gas power plant by Japanese Hitachi Company, Cooperation with Egyptian Electricity Co.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Project** : Abu Qir Power Plant  
**Job title** : Maintenance Engineer

**Field of experience** : • Testing on the protection and maintenance of step up transformers 15/220KV and step down transformers 220/6KV, 66/6KV, 22/220KV and step down 6/380KV.

- Protection and maintenance of generator (300MW rotating diode excitation, 150MW brushes excitation, AVR excitation) and auxiliaries for boiler and steam turbine (150MW – 300MW) as induction and DC motor and electrical valves, flames detectors, regulation valves micro switches.
- Testing on protection of static and digital relays of generator as differential, over current, 95% earth, 100% earth, over load, negative sequence, under voltage, minimum impedance, under frequency, over frequency, loss of excitation, over voltage reverse power for stator and earth, over current for rotor.
- Testing the time of opening and closing of 220KV, 66KV, 6KV breakers.
- Testing all circuit breakers by DC resistance instrument for measure the contact resistance.
- Testing and measuring the isolation of 6KV and 380V motors and DC motors by MEGGER instrument.
- Testing on protection of static and digital relays of all equipments such as over load, over current and earth fault protection and the thermals of 380V motors.
- Calibration and testing of DC and AC (voltammeters & ammeters) and testing theme.
- Calibration of current transformers and voltage transformers and testing theme.
- Working in construction and maintenance of lighting at all of general building and street, road lighting.
- Preparing and construction of alkalized batteries 220V DC and 48V DC and charge and recharge them by 220 and 48 rectifiers.
- Maintenance a fire system for 6KV and 380V cells and detect.
- Maintenance and design relays and contactor control system as crane, compressor, dryer, valves, caranee.
- Measure the earth net and the resistive of the soil by C.A6462 INSTRUMENT (earth & resistive measurement).