

**105640-ELE-1MOPT-E-2005**  
**Electrical Protection & Testing Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and a Postgraduate Diploma of protection & switchgear. Has about 11 years hands-on experience, including 7 years working in protection, testing and maintenance and 4 years in operation at Arish Steam Power Station.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/08/1978  
Gender : Male  
Marital Status : Married  
Residence : Arish, North Sinai

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Menoufia University, 2005  
: Postgraduate Diploma of protection & switchgear, Port Said University, 2015

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Training course in introduction in power plant operation by EDEPC.  
: Training course in industrial safety by EDEPC.  
: Training course in fire fitting by EDEPC.  
: Training course in electrical equipment maintenance and protection by EDEPC.  
: Training course in current and voltage transformer by EDEPC.  
: Training course in principals of protection by EDEPC.  
: Training course in busbar and transformer protection by EDEPC.  
: Training course in technical description of high and medium voltage switchgear by EDEPC.  
: Training course in dielectric gas sf6 testing and recycling by EDEPC.  
: Training course in generator protection by EDEPC.  
: Training course in transformer oil testing and inspection faults by EDEPC.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2011 till now  
**Employer** : East Delta Electricity Production Co. (EDEPC)  
**Project** : Arish Steam Power Station 66MW  
**Job title** : Electrical Protection & Testing Engineer besides to Electrical Maintenance  
**Job Description** :

- Maintenance of GIS 220KV.
- Maintenance of (22KV & 11 KV & 6.3KV & 0.4KV) switchgears.
- Maintenance and protection tests of three winding power transformer (220/22/11KV).
- Maintenance and protection tests of transformers (6.3 /0.4KV).
- Maintenance and protection tests of generator.
- Maintenance and protection tests of (22KV) feeders.
- Maintenance of motors (6.3 & 0.4KV).
- Maintenance of motor and power circuit in desalination plant.
- Maintenance of rectifier & U.P.S and batteries.
- Maintenance for diesel generators of 1.2MW (caterpillar).
- Maintenance and protection tests of Automatic transfer system of (22KV & 6.3KV).
- Maintenance and protection tests of Automatic transfer loading of (0.4KV).

**Dates** : From 2007 till 2011  
**Employer** : East Delta Electricity Production Co. (EDEPC)  
**Project** : Arish Steam Power Station 66MW  
**Job title** : Operator Engineer  
**Job Description** :

- Operating and monitoring the plant equipments & associated auxiliaries from central control room through DCS.
- Safe start-up & shutdown of units and loading / reloading as per system requirements.
- Boiler starting up, loading and shutting down at normal, abnormal and emergency conditions using LPG, Mazout and solar as a firing fuels.
- All energy meters / hrs for calculations of day's generation consumption and all the above results in achieving production process and equipments safety.
- Familiar with a multi-effect desalination plant operating and water treatment.
- Good handling with 220/22/6.3KV switchgear and GIS (gas isolation system by SF6).
- Identify process / equipment condition deviation – on main mimics – which can result in hazardous conditions prevention of major breakdowns.
- General inspection activities related visual inspection of failures / preparation of repair procedures/ coordinating with maintenance and follow up activity / report preparation and documentation.
- Good report writing capabilities and provide comprehensive reports and specific formats with details of observations and recommendations with short and long term solutions.