

101074-ELE-DEMO-E-2012

Operation & Maintenance Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years hands-on experience working in design, technical office, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/04/1990
Gender : Male
Marital Status : Engaged
Residence : 6th October City

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2012
: Mubarak Secondary School, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD Electrical
: PLC
: Siemens step 7 300
: Matlab
: Dialux
: Ecodial

TRAINING COURSES AND CERTIFICATIONS

: TOT at Greater Cairo Waste Water Company (Jun. 2016).
: Design & Preparation of technical specification & tendering documents at Continuous Engineering Education Center (CEEC), Faculty of Engineering, Ain Shams University (Jan. 2016).
: SCADA Training at MISC Company (Nov. 2015).
: Automation Diploma at ITC Center (summer 2011).
: Training at South Cairo Power Station (Stations Training Center) (summer 2010).

- : Training at North Cairo Power Station (summer 2009).
- : Matlab Level 1 at Jelecom (summer 2008).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2015 till now
- Employer** : Greater Cairo Sanitary Drainage Company (GCSDC)
- Project** : Ain Shams Pumping Station
- Job title** : Operation & Maintenance Engineer
- Job Description** :
- Technical Office Leader:
 - Preparing operation plans & Supervising on it.
 - Participate in the standard-setting committees, technical deciding committees & receipt committees for (Cranes – MV & LV switchgear – Soft Starters – MV Induction motors – Transformers – Elevators – Power Generators – Centrifuger Pumps – Submersible Pumps – PLC & SCADA Systems).
 - Electrical Maintenance Leader:
 - Preparing all routine maintenance plans for electro-mechanical equipment using master program.
 - Manage & perform emergency maintenance.
 - Responsible for Power Transformers repairing workshop.
 - Design & Supervise on manufacture a Star-Delta panel for motor 300 KW.
 - Design & produce ATS panel for small generator 7.5 KW.
 - Electrical Trainer:
 - Participate in Training for ABU-Jadayel Company (Saudian Company) about operation & maintenance for sewage pumping station.
 - Training for industrial high school students about electrical equipment in sewage pumping station.

- Dates** : From May 2015 till Aug. 2015
- Employer** : Technical Projects Company (TEPCO)
- Job title** : Electrical Design Engineer
- Job Description** :
- Design Control circuits & Select Devices for L.V control Boards (PLC Board controlling set of valves).
 - Design Power & Control Circuits for Main & Submain L.V Switchgear including power factor correction panels.
 - Design Power Circuits for RMU (Air & SF6).
 - Design Power & control circuits for Kioshks & Vacuum Distributers.
 - Preparing BOQ for different projects.

- Dates** : From Oct. 2012 till Apr. 2015
- Employer** : Egyptian Army
- Job title** : Reserve Officer
- Job Description** :
- Station Commander at R.P.V System (Remote Pilot Vehicle).
 - Operation & Maintenance Power Generators.