

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 16 years experience in construction, technical office and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/03/1984
Gender : Male
Marital Status : Married
Residence : New Maadi, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2005

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD (14 – 2015)
: Adobe Photoshop
: MS Frontpage

TRAINING COURSES AND CERTIFICATIONS

: Motor control and drive through VFD - OGS (Oil and Gas Skills).
: Computer Management Maintenance System – CMMS – EMC.
: Electrical submersible pumps - OGS (Oil and Gas Skills).
: Power transformer testing and maintenance - OGS (Oil and Gas Skills).
: Motor Control through PLC - OGS (Oil and Gas Skills).
: Protection System in Industrial Power Plant.
: Short circuit calculation & Protection coordination (E-TAPE) - ALNESMAH TECH.
: Motor Starting & Protection – Schneider Electric.
: Advanced PLC Level 1, 2, 3 – Schneider Electric.
: OSHA (1920) CONSTRUCTION COURSE (international certified).

- : DCS FOXBORO (DISTRIBUTION CONTROL SYSTEM OPERATION).
- : CMMS (Computerized Maintenance Management System).
- : Certified Internal Auditor from DNVGL Co. (ISO 14001 – 2015).
- : Certified CEM from USA as certified energy manager and issue the required certificate related to energy reviews required for all the industries.
- : ISO 50001 certificate as Lead Auditor.
- : Environmental Management Systems Foundation Course – DNV.
- : First Aid – Mansoura Petroleum Co.
- : Firefighting system – Mansoura Petroleum Co.
- : Defensive driving – Mansoura Petroleum Co.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2016 till now
- Employer** : E.S.T.E.S Co.
- Job title** : Operations Manager
- Job Description** :
- Technical assistance on the new projects for selection of Electrical devices prior to the applications also reviewing and evaluating the design aspects for the new facilities and following up with the vendors and suppliers, construction, commissioning and start-up the new projects.
 - Lead staff to work in safe environment and manage work time to get the best achievement.
 - Evaluate the new tenders and contracts and negotiate with the clients to perform their satisfaction.
 - Project Director for the new smart meter’s installation, commissioning, maintenance and operation sequence for residential and commercial meters (direct & indirect) for AMI Project in Egypt and install more than 25000 meter in (Alex, Cairo, 10th of Ramadan).

- Dates** : From 2007 till May 2016
- Employer** : Melrose Petroleum Company - the Joint Venture foreign partner of Mansoura Petroleum
- Job title** : Electrical Dept. Head
- Job Description** :
- Technical assistance on the new projects for selection of E&I solutions prior to the applications also reviewing and evaluating the design aspects for the new facilities and following up with the vendors and suppliers, construction, commissioning and start-up the new projects as a team member of the Projects department:
- Attended several Hazop studies for many plants, Oil plant, LPG plant and Gas injection Plant.
 - Commissioning and start-up for Oil plant, LPG plant, Refrigeration Gas plant and Gas Injection plant – automated controlled.
 - Planning the new plants from (load study, short circuit, distribution stations, cable routing {lighting, earthing, lightning, power feeders}, DCS systems including their control sequence, safety critical equipment selection and categorization, related to E&I for any new projects matching with all national and international standers and prepare their technical studies.

- Review the design of any cathodic protection system applied for production pipelines.
- Design and calculate the Generation plants (Generation & Transformation) with its requirements.
- Technical member in maintaining all generator & transformers problems (Power & Control & synchronizing system including manual or automatic operations through P.L.C) with different rates (5 – 5000) K.W.
- Design and maintain diff. types of control circuit related to plant automation control.
- Observing and checking the power stations (generators, transformers and motor control center MCC).
- Lead staff to work in safe environment and manage work time to get the best achievement.
- Supervision & Maintain all sites electrical systems as (motors, pumps lighting, power & alarm systems, air-conditions, (RECTIFIRE) power supply & UPS systems, MCC's & PLC programs, DCS, SCADA system).
- Preparing the material request as desired to make the maintenance process goes in an easy way and done in time.
- Supervising the commissioning for all cathodic protection systems.

Dates : From 2006 till 2007
Employer : MOBI-SERVE (MOBINIL SUB-CONTRACTOR) CO.
Job title : Electrical Engineer
Job Description :

- OPERATION AND MAINTENANCE BRANCH.
- WORKING MANAGEMENT.
- GENERATORS OVER ALL CONTROL & MECHANICAL MAINTENANCE.
- SITES ELECTRICAL SYSTEMS AS (LIGHTING & POWER & FIRE ALARM & AIR CONDITIONS & (RECTIFIRE) POWER SUPPLY, U.P.S).
- DESIGN AND INSTALL THE NEW SITES DISTRIBUTION BOARDS & CONTROL BOARDS.

Dates : From 2005 till 2006
Employer : Electrical Mechanical Design Group (EMG)
Job title : Electrical Technical & Design Engineer
Job Description :

- Designing power supply and distribution scheme.
- Low voltage distribution network (Telephone network, Master antenna television network, Sound system, Fire alarm network).
- Lighting systems including outdoor and indoor lighting.
- Emergency generator and emergency distribution network.
- Example of design work: (Administration building, Calyon banks, Bridgestone administration building, Commercial building in many countries, Villas, Resorts, Hotels, many academies, etc.

Field of experience :

- Over 16 years experience as an Electrical Field Engineer.
- Technical assistance on the new projects.
- Troubleshoot systems accurately and repair breakdowns quickly to maintain operating efficiency.
- Troubleshooting skills and persistence in troubleshooting.