

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 10 years hands-on experience in many fields of electrical and control systems such as design, construction, commissioning, quality control, maintenance and operation gained from working in projects and sites such as Power Stations, Oil Refinery, LNG Plants, Oil de-gasing Stations and Industrial Workshops.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/01/1983
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good
German : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Visio for electrical drawing
: AutoCAD 2D
: Electrical programs for lighting design

TRAINING COURSES AND CERTIFICATIONS

: Summer trainings 2001, 2002 and 2003: El-Mahmoudia Power Station Training Center.
: First aid, Egyptian Red Crescent Society, Alexandria.
: Fire fighting, Civil Defense Agency, Alexandria.
: Hazard Identification and Hazop, Egyptian Maintenance Company (EMC), Petroleum Complex – Alexandria.
: Condition Monitoring, Reliability Maintenance Institute (SKF), Cairo.
: Bearing Lubrication and Greasing, Reliability Maintenance Institute (SKF), Cairo.

- : Bearing Maintenance and Service, Reliability Maintenance Institute (SKF), Cairo.
- : Components and Operation for Combined Cycle Power Station, El-Mahmoudia Power Station Training Center.
- : General Study for Components of El-Mahmoudia Power Station, El-Mahmoudia Power Station Training Center.
- : Conversation Courses in English Language Book 1, International British Institute (IBI), Alexandria.
- : General information course high-voltage switching technology Gas Insulated Switchgear (GIS), Siemens Power Academy, Berlin – Germany.
- : Safety man of the month Award, Egyptian Maintenance Company (EMC), Refinery complete shutdown for global maintenance, Middle East Company for Oil Refinery (MIDOR), Alexandria, Jan. 2007.
- : Programmable Logic Controller: Basic Programming (PLC), Oil and Gas Skills (OGS), Alexandria.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2014 till now
- Project** : Free Contracting Works (private work)
(for any electrical distribution and control systems works in residential or commercial or industrial applications)
- Job title** : Elect. Contracting Applications Team Leader Engineer
- Job Description** :
- Lead and supervise an elect. team for complete implementation for LV electrical distribution system and light current systems for:
 - El-Mahmoudia telephones central and its administration building, Egypt Telecom Authority.
 - Design and implementation for LV electrical distribution panels for:
 - A specially school (all education stages).
 - Residential applications.
 - Design and implementation for LV electrical control panels for:
 - Outdoor lighting.
 - Industrial workshops.
 - Cheese Factories (Speed drive control with LS inverters).
 - Maintenance and faults troubleshooting for electrical distribution and control panels for:
 - Industrial workshops and Cheese Factories.
- Dates** : From Apr. 2014 till Oct. 2014
- Employer** : United Eastern Petroleum Services (UEPS)
- Project** : Safah & Wadi Lytham oil and Gas plants, Oxy Company, Oman
- Job title** : Electrical Instructor & On-job Training Engineer
- Job Description** :
- Carry out certified electrical training program according to certified training plan for oxy stuff technicians of the electrical maintenance department in safah and wadi laytham oil and gas fields.
 - Participate the electrical maintenance team as on job trainer to attend some of their maintenance activities either Preventive or corrective.
 - Support, Interact and discuss with the electrical maintenance team to increase their ability for solving any problems may face them during maintenance activities.

- Guide the electrical maintenance team with advices which support them to carry out their maintenance activities with high safety, quality, regulation and insurance ways.

Dates : From Oct. 2012 till Mar. 2014

Employer : ENI Company (for systems global maintenance and projects)

Project : Iraqi South Oil Company - Zubair Oil Field - Zubair & Zubair Mishrif degassing Station (DGS4 & DGS3), El Basra, Iraq

Job title : Senior Electrical Maintenance, Commissioning & Construction Engineer

Job Description :

- Participate the Elect. Maintenance Team in our responsibilities according to our scope where carry out all maintenance activities whatever PM (Preventive Maintenance) or CM (Corrective Maintenance) for all electrical items of our scope and also re-construction, re-commissioning for old and defected items as:
 - Power transformers (33KV / 6.6KV), (Naigra - USA).
 - Distribution transformers (11KV / 400 V), (Pauwels Trafo - Belgium).
 - MV switchgear (11KV), (Fuji Electric - Japan).
 - LV MCC (400 V), (Schneider Electric), (Mitsubishi-Korea), (Al Ahlia - Kuwait).
 - MV & LV Cables (6.6KV), (400 V).
 - MV & LV Motors (6.6KV), (400 V).
 - Batteries, battery chargers & UPS system (125 VDC).
 - Indoor & outdoor lighting circuits.
 - Grounding systems.
 - Cathodic Protection electrical systems.
 - Testing for overloads & earth fault protection relays.
 - Testing for electromagnetic protection relays for LV switchgear (Mitsubishi).
 - Testing for electromagnetic protection relays for MV switchgear (Fuji).
- Carry out all documentation related to maintenance activities in our scope as:
 - Safety sheets as T.B.T. (Tool Box Talk) & R.A. (Risk Assessment).
 - Work permits, isolation certificates and work orders.
 - Maintenance results sheets.
- Interface with Iraqi client for maintenance activities approvals as a good speaker about maintenance activities and its results for achieving our scope.
- Carry out theoretical and practical electrical training for Iraqi technicians.

Dates : From Mar. 2011 till Oct. 2012

Employer : Middle Delta Electricity Production Company (MDEPC)

Project : EL-ATF Combined Cycle Power Station (1x750MW)
(2 gas turbines (MHI) 250MW + 1 steam turbine (ANSALDO) 250MW)

Job title : Operation Engineer for the power plant DCS system

Job Description :

- Operate and follow up the power plant items from DCS and field such as:
 - Gas and steam turbine auxiliaries such as Main Cooling water pumps, Service water pumps, Closed cooling water Pumps, Demi. Water pumps, Potable water system, instrument air compressors, Service air compressors, glands cooling water booster pumps, etc.).

- Heat Recovery Steam Generation (HRSG), NEM - Netherlands.
- Step-up power transformers (21/220KV), AREVA – Brazil.
- Step-down aux. transformers (21KV/6.3KV), AREVA - Indonesia.
- MV switchgear (6.3KV), Schneider Electric Egypt.
- LV MCC (400V), Schneider Electric Egypt.
- Carry out all maneuvers of electrical feeding transfer for all voltage levels.
- Carry out theoretical and practical electrical training for our operation staff engineers and technicians.

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| Dates | : | From Dec. 2007 till Mar. 2011 |
| Employer | : | Middle Delta Electricity Production Company (MDEPC) |
| Project | : | EI-Mahmoudia Combined Cycle Power Station modules I & II (2x150MW) (8 gas turbines (GE) 25MW + 2 steam turbines (GE) 50MW) |
| Job titles | : | <ul style="list-style-type: none"> • Shift Leader Engineer for the power station completely, 220KV switchyard activities and 220/66/11KV substation activities (from Feb. 2010 till Mar. 2011) • Shift Leader Engineer for combined cycle only (from Apr. 2009 till Jan. 2010) • Operation Engineer for the power plant DCS system (from Jan. 2008 till Mar. 2009) |
| Job Description | : | <ul style="list-style-type: none"> • Operate and follow up the power plant items from DCS and field such as: <ul style="list-style-type: none"> - Heat Recovery Steam Generation (HRSG), NEM - Netherlands. - Steam turbine auxiliaries such as condensate pumps, condenser, Main Cooling water pumps, vacuum system, etc.). - Steam turbine 50MW (Mark V control), GE - USA. - Step-up power transformers (11/220KV). - MV switchgear (6.3KV), Lucy - Korea. - LV MCC (400V), Cimi Montubi - Italy. - Distribution transformers (11/6.3KV), Hyundai - Korea. - Distribution transformers (6.3/0.4KV), Hyundai - Korea. • Carry out and supervise for steam turbine units (Mark V control) start-up and shutdown procedures from DCS and field. • Carry out operation daily reports and units status. • Carry out all activities for 220KV switchyard included 6 Circuits 220KV and substation (220/66/11KV) included 8 Circuits 66KV as switching on, Isolation, switching off, de-isolation, trips for the circuits and insulators cleaning works coordinating with the unified National grid control center (National Scada dispatch control center). • Carry out and supervise for gas turbine units (Mark II speedtronic control) start-up and shutdown procedures from field. • Carry out theoretical and practical electrical training for our operation staff engineers and technicians. • Carry out a guide book for combined cycle auxiliaries electrical feeding to be used by all of operation staff engineers and technicians. |

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| Dates | : | From Jul. 2005 till Dec. 2007 |
| Employer | : | Egyptian Maintenance Company (EMC) |
| Project | : | Middle East Company for Oil Refinery (MIDOR), Alexandria |
| Job title | : | Maintenance & Construction Engineer |

Job Description : • Participate the elect. maintenance team in our responsibilities according to our scope where making all maintenance activities whatever PM (Preventive Maintenance) or CM (Corrective Maintenance) for all electrical items of our scope such as:

- Step-down MV transformers (33KV/6.6KV), ABB - Germany.
- Distribution transformers (6.6KV/400V), ABB - Germany.
- MV switchgear (6.6KV), Schneider Electric Egypt.
- LV MCC (400V), Tozzi Sud - Italy.
- MV & LV Cables (6.6KV), 400V.
- MV & LV Motors (6.6KV), 400V, Scorch - Germany.
- Batteries, battery chargers & UPS system, 125 VDC.
- Cathodic Protection elect. Panels.
- Indoor & outdoor lighting circuits.
- LV motors protection relays as overloads & earth fault.
- Multi function protection relays (Sepam2000), Schneider Electric.

• Carry out all documentation related to maintenance activities in our scope such as:

- Safety sheets as T.B.T. (Tool Box talk) & R.A. (Risk assessment).
- Work orders (permits).
- Maintenance results sheets.

• Interface with client for maintenance activities approvals as a good speaker about maintenance activities and its results for verifying our scope.

• Carry out theoretical and practical electrical training for our technicians.

Dates : From Aug. 2006 till Nov. 2006

Project : Egyptian Liquefied Natural Gas (ELNG), Idku, EI-Beheira

Job title : Construction Engineer

Job Description : • Complete supervision and implementation for:

- Main gate and fence lighting project, included 4 poles each pole has two luminers with 2000W metal halide lamp and control panel for the system operation with photo cell sensor.

• Carry ou all documentation related to this project such as:

- As built system drawings such as layout, SLD and schematic diagrams.
- Cable list and turn over package.

• Interface with client for approvals and handing over of the project.

Dates : From Jan. 2006 till Feb. 2006

Project : Two sites of Crude Oil Wells according to the Egyptian Global Petroleum Company, Ras Gharib and Ras Shoquir, Egypt

Job title : Testing Engineer

Job Description : • Testing of LV motors over load relays and multi function protection relays.

- Carry out test sheets with its results.
- Carry out practical electrical training for our technicians.

Dates : From Feb. 2005 till Jun. 2005

Employer : Global Partners Company (GP)

Project : Nubaria Combined Cycle Power Station modules I & II (2x750MW)

Job title : Testing, Commissioning & QC Engineer

Job Description :

- Participate the commissioning team in our responsibilities according to the contract CP-117 where making tests for all electrical items of the contract such as:
 - Step-up main transformers (16.5KV/500KV), ZTR - Ukraine.
 - Step-down aux. transformers (16.5KV/6.3KV), ZTR - Ukraine.
 - MV switchgear (6.3KV), Schneider Electric Egypt.
 - LV MCC (400V), Schneider Electric Egypt.
 - MV & LV cables (6.3KV), 400V.
 - ISO. Phase bus duct.
 - Batteries, battery chargers & UPS system (125 VDC).
 - Multi function protection relays (Sepam1000+), Schneider Electric.
 - LV motors Multi function protection relays (MLP), Schneider Electric.
- Carry out all QC documentation related to our scope such as:
 - Attendance sheets.
 - Test sheets with its results and assignments.
 - Test sets calibration certificates.
 - Turn over package for systems handing over.
- Interface with client and consultant for tests approvals as a good speaker about tests and its results for verifying our scope.
- Carry out practical electrical training for our technicians.

Dates : From Aug. 2004 till Nov. 2004

Employer : Lectro Egypt Company

Project : Somoha Buildings, Alexandria

Job title : Construction Engineer

Job Description : Supervision for construction team and follow up the performance of installations of electrical distribution systems for each residential unit according to drawings and modifications of the customers.

Further experiences (part time jobs):

Dates : From Sep. 2008 till Oct. 2014 (part time)

Project : Free Contracting Works (private work)
(for any electrical distribution and control systems works in residential or commercial or industrial applications)

Job title : Elect. Contracting Applications Team Leader Engineer

Job Description :

- Lead and supervise an elect. team for complete implementation for LV electrical distribution system and light current systems for:
 - El-Mahmoudia telephones central and its administration building, Egypt Telecom Authority.
- Design and implementation for LV electrical distribution panels for:
 - A specially school (all education stages).
 - Residential applications.
- Design and implementation for LV electrical control panels for:
 - Outdoor lighting.
 - Industrial workshops.
 - Cheese Factories (Speed drive control with LS inverters).
- Maintenance and faults troubleshooting for electrical distribution and control panels for:
 - Industrial workshops and Cheese Factories.

Dates : From Oct. 2010 till Nov. 2010 (part time), site complete shutdown period
Employer : Egyptian Maintenance Company (EMC)
Project : Rashid Petroleum Company & Borulus for Gas (Rashpetco), Idku, El-Beheira
Job title : Maintenance Team Leader Engineer
Job Description :

- Lead the elect. maintenance Schneider team in our responsibilities according to our scope under supervision of client elect. maintenance department where making all maintenance activities for some of electrical items such as:
 - MV switchgear (3.3KV), Schneider Electric Egypt.
 - LV MCC (400V), Schneider Electric Egypt.
- Carry out tests for LV motors protection multi function relay (LT6 - B) and Multi function protection relays (Sepam1000+), Schneider Electric Egypt.
- Prepare and make reports related to maintenance activities in our scope.
- Interface with client for maintenance activities approvals as a good speaker about maintenance activities and its results for verifying our scope.
- Carry out theoretical and practical electrical training for our technicians.

Dates : From Apr. 2009 till Jul. 2009 (part time)
Employer : EGYPTROL
Project : EL-ATF Combined Cycle Power Station (1x750MW)
Job title : Testing, Commissioning & QC Engineer
Job Description :

- Participate the commissioning team in our responsibilities according to the contract CP-117 & CP-118 where making tests for all electrical items of the contracts such as:
 - Step-up main transformers (21/220KV), AREVA - Brazil.
 - Step-down aux. transformers (21KV/6.3KV), AREVA - Indonesia.
 - Batteries, battery chargers & UPS system (125 VDC), GUTOR - Germany.
 - Motors & Control panel of Service water pumps (TOSHIBA - Japan).
 - Motors & Control panel of Raw water pumps (TOSHIBA - Japan).
 - Motors & Control panel of Gland cooling water booster pumps (TOSHIBA - Japan).
 - Motor & Control panel of Fire fighting jockey pump (TORNATECH - Canada).
 - Motors & Control panel of Closed cooling water pumps (HYUNDAI - Korea).
 - Motors & Control panel of Demi. Water pumps (HYUNDAI - Korea).
 - Motors & Control panel of Potable water system pumps (HYUNDAI - Korea).
- Carry out all QC documentation related to our scope such as:
 - Attendance sheets.
 - Test sheets with its results and assignments.
 - Test sets calibration certificates.
 - Turn over package for systems handing over.
- Interface with client and consultant for tests approvals as a good speaker about tests and its results for verifying our scope.
- Carry out theoretical and practical electrical training for our technicians.