

Holds a B. Sc. in Electrical Power Engineering and has about 11 years hands-on experience working in maintenance, testing and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 31/08/1988  
Gender : Male  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electrical Power Engineering, El-Shorouk Academy, 2010

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : PLC (programmable logic control) - Jelecom A.D Panasonic - Ain Shams University (Jun. 2008).
- : Training on distribution electricity for a buildings in Arab Contractors Co. (Jul. 2008).
- : Successfully Completed Training on power generation system at Talkha Power Station (Training on protection, control and generation systems) (Jul. 2009).
- : Successfully Completed Training on Transformers (Manufacturing, Testing and Maintenance) in El Nasr Transformer and Electrical Products Co. (ELMACO) (Aug. 2009).
- : Training on Testing of M.V C.B and instrument transformers (CT`s & VT`s) in Egypt German Electrical Manufacture Co. (EGEMAC) (Aug. 2009).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2012 till now  
**Employer** : WESCOSA (Wahah Electric Supply Company of Saudi Arabia) in KSA / Dammam

## Projects

- Wasit Gas Plant (Saudi Aramco), Contractor: Samsung / SK / Posco Companies (2 Substations), Responsibilities: Testing and commissioning for MV substations including (Switch Gears, MCC & Transformers).
- Saudi Kayan Turnaround Shut down (Sabic), Contractor: Sabic Company (2 Substations), Responsibilities: Preventive Maintenance for MV Switch Gears and Transformers.
- Sadara Project (Saudi Aramco & DOW), Contractor: Alsharqawi / MAC / GCC Companies (4 Substations), Responsibilities: Testing and commissioning for MV substations including (Switch Gears, MCC & Transformers).
- Luberef Yanbu Refinery Expansion Project, Contractor: Samsung Company (7 Substations), Responsibilities: Testing and commissioning for MV substations including (Switch Gears, MCC & Transformers).
- Ras Tanura Refinery Project (Saudi Aramco), Contractor: Futai / Naizak Companies (2 Substations), Responsibilities: Testing and commissioning for HV Protection Panels 230KV and MV Substation including (Switch Gears, MCC & Transformers).
- Sabic Technology Center Project (Sabic), Contractor: Sabic Company (1 Substation), Responsibilities: Preventive Maintenance of MV Vacuum Circuit Breakers & LV Air Circuit Breakers.
- Abu Ali Project (Saudi Aramco), Contractor: Altoukhi contracting Company (2 Substations), Responsibilities: Testing and Commissioning for GIS 230KV including GIS, LCC, RTCC, Protection Panels and MV Switch Gear.
- Sea Water Pump Station Project (Marafiq Ras Alkhair), Contractor: Tareq Aljaafary Company (1 Substation), Responsibilities: Site Team Leader of Testing and Pre-commissioning of HV Protection Panels and MV SG.
- TASNEE Turnaround shut down, Contractor: Tasnee Company (3 Substations), Responsibilities: Preventive Maintenance of MV & LV Switch Gear.
- SATORP Project (Saudi Aramco & Total), Contractor: SINOPIC Company (1 Substation), Responsibilities: Commissioning Test of MV & LV of SG and MCC.
- PIPE LINE ALKHURASANIYAH Project (Saudi Aramco), Contractor: POSCO E & C Company (4 Vans), Responsibilities: Site Team Leader of testing and commissioning of MV Substation including (Switch Gear & Transformers).
- ALFADHILI Project (Saudi Aramco), Contractor: Tecnicas Reunidas (TR) Company, Responsibilities: Supervision for Installation of MV Substations including Switch Gear and Transformers.
- JAZAN REFINARY Project (Saudi Aramco), Contractor: Petrofac Company (4 Substations), Responsibilities: Site Team Leader of testing and commissioning of LV Substations including (Switch Gears, MCC & Transformers).
- ALJUBAIL PORT Project (Saudi Aramco), Contractor MRK Company (1 Substation), Responsibilities: Site Team Leader of testing and commissioning of MV Substation including (Switch Gear, MCC & Transformers).
- Khurias Project (Saudi Aramco), Contractor: Saipem Company (1 Substation), Responsibilities: Testing of 132KV GIS including LCC and Protection Panels.

- LUBEREF TA Shut Down, Contractor: LUBEREF Company, Responsibilities: Troubleshooting of MV switch gear and generator including relay logic, setting and testing.
- GAS shut down (SABIC), Contractor: Saudi Diesel Company, Responsibilities: Preventive Maintenance of Relays, Breaker and Control Circuit of Diesel Generators (9 Nos).
- PUMP STATION-5 (Saudi Aramco East West Project), Contractor: SEPCO Company (2 Substations), Responsibilities: Testing & pre-commissioning of 132KV GIS substation including LCC, RTCC, Protection Panels and MV Switch Gear.
- Offshore Project (Saudi Aramco), Contractor: L&T / MCDERMOTT Companies, Responsibilities: Testing of MV SG including Relays, CT, Breakers & Functions and Line Differential Test.
- PUMP STATION-1 (Saudi Aramco East West Project), Contractor: SEPCO Company (2 Substations), Responsibilities: Site Team Leader of Testing & commissioning of 115KV GIS substation including LCC, RTCC, Protection Panels, MV & LV Switch Gear and Transformers.
- Yanbu Natural Gas Liquid Plant (YNGL) (Saudi Aramco Project), Contractor: Saudi Aramco Company (5 Substations), Responsibilities: Replacement of old MV MCC and Installation of new one of MV MCC and space heater with Testing & commissioning.
- Ras Tanura Refinery & Terminal Plants (RTR & RTT) (Saudi Aramco Project), Contractor: Saudi Aramco Company (9 Substations), Responsibilities: Replacement of old MV SG & MCC and Installation of new one of MV SG & MCC and space heater with Testing & commissioning.
- SAFANIYAH Plant (Saudi Aramco Project), Contractor: Saudi Aramco Company (1 Substation), Responsibilities: Replacement of old MV SG & Cables and Installation of new one of MV SG and Cables with Testing & Commissioning.
- Hawiyah Unayzah Gas Reservoir Storage (HUGRS) Project (Saudi Aramco), Contractor: SAMSUNG Company (2 Substations), Responsibilities: Testing and pre-commissioning of 230KV Substation including GIS, LCC, RTCC, Protection Panels and MV Switch Gears.

**Job title** : Electrical Engineer

**Job Description** :

- Testing, Commissioning, Preventive Maintenance and Installation of Electrical Equipments for HV and MV & LV of Switch Gear and Motor Control Centre including: (Relay Test, Schematic Test, C.T, P.T, D.L, C.B Test, Bus Bar Test), Bus bar and Transformer differential Stability test, LCC, Remote Tap Changer Control (RTCC) Test and Relay Protection Panel Test.
- Applying the Final Setting, Testing and configuration logic of numerical protection relays (SEL, GE, ABB & ALSTOM) Including Transformer, Line and Bus Bar differential Protection relays, Breaker Failure, Motor, Feeder, Generator and Synchronization Relays.
- Testing and Preventive Maintenance of Transformers (Power, distribution & Dry type) including: (TTR, Winding resistance, I.R, OLTC function test, NGR Test, Oil test, OTI and WTI).
- Testing of Panel Board, Switch Rack and MV & LV power cables testing.
- Technical leadership, supervision, performs troubleshooting and repair work on malfunctioning or faulty electrical equipment as Switch Gear and Motor Control Center (SG & MCC).

- Appreciation Certificate from Saudi Kayan during Turnaround Shutdown.
- Appreciation Certificate from SAMSUNG ENGINEERING during my work at Luberef Yanbu Refinery Project.
- Appreciation Certificate from POSCO E&C Company during my work as Team Leader in SLRF Project.

**Dates** : From Mar. 2011 till Nov. 2012  
**Employer** : IDW (Industrial Development Work Company) in Egypt / Zagazig  
**Job title** : Maintenance Electrical Engineer  
**Job Description** :

- Maintenance of control circuit of furnace.
- Maintenance of electric equipment in the production line.