

**101384-ELE-DEM-E-2006**  
**Electromechanical Maintenance Engineer**

Holds a B. Sc. in Electrical Engineering and has about 15 years experience in the field of Utilization of Electrical Energy, Electrical Power Distribution systems, Indoor & outdoor Lighting systems, Medium & Low Voltage & Infrastructure network systems; Earthing & Lightning system; Voltage drop & Short circuit & illumination calculations, also Electrical inspection / reporting on buildings under operation, using maintenance programs in Egypt & Gulf area.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Female  
Residence : 6th October, Cairo

## EDUCATION

: B. Sc. in Electrical Engineering, Helwan University, 2006

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Fair

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: Dialux  
: Ecodial  
: Revit  
: Calculux  
: Maximo  
: Docwin

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2014 till 2018  
**Employer** : Dar Al-Handasah Consultants (Shair and Partners) – KSA  
**Job title** : Electromechanical Maintenance Engineer

- Job Description** :
- Electrical inspections and close follow up for Service Requests & Work Orders of corrective/preventive maintenance using MAXIMO program for VIP buildings of Princess Noura bint Abdelrahman university PNU (Female Administration building, Central Library, Girls school, boys school and some pavilions...etc.).
  - Contacting with / handling VIP female users electromechanical inquiries, concerns and problems and coordinate between DAR female supervisors, users and contractors in any electromechanical /admin issues.
  - Contacting with/consulting end users & follow up for electrical and LC variations.
  - Covering events, seminars, conferences, exams & graduations, reflect images to male engineers for quick problem solving if any and raise reports of contractor performance.
  - Follow up with female contractors daily work progress and observations.
  - Raising reports on progress during the week and uploading to DMS.
  - Rapid presence in urgent calls in any female building in PNU.

**Dates** : From 2010 till 2014

**Employer** : ECG (Engineering Consultants Group) – Egypt

- Projects** :
- Master Planning & Infrastructure Design of Bisha North of Province - KSA: 30 MVA project comprising 44 unit substations, 11 RMU's, 761 residential buildings, 10 Educational buildings, 5 Mosques, 5 commercial buildings & healthcare facilities with total build up area of 1 million m<sup>2</sup>
  - Master Planning & Infrastructure Design of Khabash - KSA: 6 MVA project comprising 10 room substations, 182 residential buildings, 2 Educational buildings, 1 Mosque, 3 commercial buildings with total build up area of 194,000 m<sup>2</sup>
  - Master Planning & Infrastructure Design of Damad - KSA: 13 MVA project comprising 17 unit substations, 325 residential buildings, 4 Educational buildings, 3 Mosques, 4 commercial buildings with total build up area of 392,000 m<sup>2</sup>
  - Two Towers in Marina District (Lusail - QATAR): building of total build up area 11730 m<sup>2</sup> comprising of administration & hotel tower & commercial podium & 3 levels parking with total capacity of 4 MVA
  - EBC - Egyptian Bank Company - Nasr City - Egypt: admin building of total build up area 4000 m<sup>2</sup> comprising of a data centre with capacity of 150 kVA and total load of 1 MVA
  - E-Finance Administration Building - Egypt: Admin building of total built up area 10200 m<sup>2</sup> comprising of a data& card centres with capacity of 250 kVA
  - Grand Egyptian Museum (GEM) - Egypt: Ancillary buildings project comprising (Artifacts tunnel building, Ticketing building, Multifunction function parking complex building, Solar boat building & Complete Electrical Infrastructure works
  - Palm Parks with Palm Hills development - Egypt: 23.8 MVA project comprising 15 transformers, 15 RMU, 4 standby diesel generators, 115 residential buildings, 2 lakes
  - Palm Golf Views with Palm Hills development phase 1 & 2 - Egypt: 18+13.5 MVA project comprising 22+13 transformer, 22+13 RMU, 6+5 standby diesel generators & 332+161 residential buildings & golf area

- Palm Golf Views Extensions with Palm Hills development - Egypt: 23 MVA project comprising 31 RMU, 31 transformer, 8 standby diesel generators & 1140 non-typical VIP villas
- E-Finance Administration Building (Smart Village) - Egypt: building of total built up area of 10200 m2, associated with large data centre of 1 MVA power

**Job title** : Senior Electrical Engineer

**Dates** : 2010

**Employer** : Consolidated Contractor Company (CCC) - Egypt

**Project** : Riyadh University for Women (RUFW) - KSA: Utility Buildings of Princess Noura Bint Abdulrahman University (PUNW): Project comprising (Utility tunnel, Administration Building, Warehouse, Data Center, Driver Mess, Mosque, etc.)

**Job title** : Senior Electrical Engineer

**Dates** : From 2006 till 2010

**Employer** : SHAKER Consultancy Group (SCG) - Egypt

**Projects** :

- AUC New campus develop - Egypt: President complex villa
- King Saudi University - KSA: project comprising 52 different buildings such as (administration, housing, 13 different colleges, different utility buildings, etc.), College of language & translation, College of nursing, Central library, and College of computer science
- Kuwait Embassy Villa
- Bay La Sun Design Built Project - KSA: project of (Total built up area 333713m2), comprising (16 towers with 6 different types) with SAUDI BIN LADIN GROUP SBG (design built project)
- Golf Porto El Sokhna Project - Egypt: project (comprising different types of villas, chalets and studios in different blocks such as Water front, panoramic area, Golf area, Hand 1 & 2 villas, Hawain, Bahama, Hanged Gardens, Monto Sokhna
- Ritz Carlton Nile Hotel (Renovation) - Egypt: 5MVA power 6 transformers, 200 bedrooms & 2x1000 persons ball rooms & a 500 car parking area with WZMH Canada
- List of some Projects (Participated in):
  - Summer Palace North Coast - Egypt: Project comprising 4 villa, 12 chalet, 1 restaurant, gym, stuff housing, parking, etc.)
  - El Sewedy Administration Building – Egypt
  - King Saudi University - KSA: Project comprising 52 different buildings such as (administration, housing, 13 different colleges, different utility buildings, etc.), College of arts, College of administration science, College of education, College of dentistry, Student Administration building, Sports hall, and Utility tunnel
  - Up Town Cairo Azzura Village - Egypt: (This project comprising 8 towers, each tower has 25 floors)
  - Al Rajhi Centre - KSA: Project comprising 3 phases, phase 1 housing including (4 residential blocks with one common basement, 137,000 mt2), phase 2 cultural/educational including (schools, public library, galleries and bookshops, 56,500 mt2), phase 3 commercial centre including (hotel, offices, hypermarket, retails and

restaurant, 337,000 mt2)

- Bay La Sun Design Built Project - KSA: Project of (Total built up area 333713m2), comprising (16 towers with 6 different types) with SAUDI BIN LADIN GROUP SBG (design built project)
- Automatic People Mover (APM) Cairo Airport

**Job title** : Junior Electrical Engineer

**Field of experience** :

- Shop drawing & Design prep. for the Electrical Power Distribution systems.
- Indoor & outdoor Lighting systems & illumination calculations, Medium & Low Voltage & Infrastructure network systems & power calculation.
- Earthing & Lightning system, Voltage drop & Short circuit calculations by various programs.
- Preparing of Bill of Quantities, Cost Estimates.
- Electrical inspection / reporting on buildings under operation, using maintenance programs.