

Holds a B. Sc. in Electrical Engineering and has over 12 years hands-on experience working in designs, supervision and constructions for Water & Waste Water treatment plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Electrical Engineering, Menoufia University, 2000

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD 2010  
: Ecodial v 3.36  
: Powerex  
: EASYLUX for Nardeen Company  
: Easy place, easy plan, easy street for Saudi Lighting (SLCD)  
: MEL Short for Short circuit Calculation  
: ABB Coordination Tables  
: Calculation Program for Voltage Drop  
: GEM CALCULATOR 3.1.0 ERICO for EARTHING  
: DIALux 4601 - Admin, Dialux 4.6  
: DOC & CAT for ABB & Cadlib tele mecanique part 01 for SCHNEIDER ELECTRIC  
: Calculux 5.0

## **TRAINING COURSES AND CERTIFICATIONS**

: Water distribution Network system, Howard Technology Middle East, Qatar (2013).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Sep. 2013 till Jan. 2016  
**Employer** : Alfozan Consulting Engineers & Anal Arabia Company – Riyadh, KSA  
**Job Description** :

- My Responsibilities and tasks in Alfozan Consulting Engineers:
  - Review the designs & supervision and constructions of all projects for Water & Waste Water treatment plants with the General Directorate of Water and Electricity in Tabuk region and provinces.
- My Responsibilities and tasks in Anal Arabia Company:
  - Provide, explain and formulate technical studies and quotations detailed to establish a company started in the design, fittings Electromechanical and operation & maintenance of water and sewage plants, the explanation it contains three offer models of the company are (the mini-system and its cost in the range of 20000000 SAR, the system average cost in the range of 45000000 SAR big system and its cost in the range of one hundred million Saudi Riyals and more than one hundred million Saudi Riyals).

**Dates** : From Jul. 2012 till Sep. 2013  
**Employer** : KAHRAMAA – DOHA, Qatar  
**Job Description** : Design Engineer at Technical Water Design (TWD) for the following projects:

- Duhail Reservoirs pump station (RPS) and Associated Pipe Lines 3300 l/sec.
- Doha South RPS GTC/232/2008.
- New Shahniya-2 pumping station GTC/128/2010.
- New Al Kaaban RPS GTC-426-2011.
- New Kahramaa Tower Lusail GTC/155/2007.
- New RPS at Salwa Road (GTC/269/2008).
- New Kahramaa Center workshop (LTC/342/2009).
- Al Wukair pumping station GTC/299/2009.
- Upgrading of Umm Salal water station GTC/303/2009).
- Customer Service Building (Proto Type).
- Muaither RPS Associated Pipe Lines GTC-233-2008.

**Dates** : From Sep. 2010 till Sep. 2011  
**Employer** : GETCO – RIYADH, Saudi Arabia  
**Job Description** :

- Design Engineer at Engineering Dept. for ALRASS & Unaizah RO plant 90000 m3/d.
- Project Electrical Engineer.
- Preparing ALL the Electrical Submittals (TRs, Generators, MCCs, MDPs, Earthing systems, Cable Routing, General layout, Fire Alarm System, Administration Building Light, Telephone system, Control system (PLC & SCADA).
- Designing of the Tender drawings.
- Preparing the Electrical Specifications.
- Preparing the Electrical Calculation Sheets.
- Preparing the B.O.Q.
- Studying of Technical Offers.
- Supervision & Workshop drawings review.

- Preparing P&ID with details.
- Preparing complete design of Main control center, S.L.D, W.D, PLC, SCADA system and Instrumentation.
- Preparing the Control and Instrumentation Specifications.
- Preparing S.L.D with details.
- Preparing the main Control Center (MCC) and Instrumentation Specifications.
- Preparing Technical Offers.
- Preparing complete design of the main distribution Panels (MDP) and Instrumentation Specifications.
- Preparing Cable list and Cable routing.
- Review complete design of the Control and Instrumentation Specifications.

**Dates** : From Sep. 2008 till Sep. 2010  
**Employer** : FURAT CONSULTANT – RIYADH, Saudi Arabia  
**Job Description** : SUPERVISOR ELECTRICAL ENGINEER for the following projects:

- Al Aflag RO plant 25000 m3/day.
- Hail RO plant 150000 m3/day.
- North Brida RO plant 25000 m3/day.
- Al-Nabhaniah RO plant 15000 m3/day.
- Al-Shammasiah RO plant 25000 m3/day.
- OUYOUN Al-Jawaa RO plant 40000 m3/day.
- Southern Riyadh Sewage Treatment Plant Extension Manfoha TTP 300000 m3/day.
- AL KHARJ CITY STP - Phase 1, 100000 m3/day.

**Dates** : From Jul. 2008 till Aug. 2008  
**Employer** : EBD Arabia – RIYADH, Saudi Arabia  
**Job title** : O&M Engineer  
**Job Description** :

- Worked in very big Sea Water Reverse Osmosis Desalination Plant (15000 m3/d) in Jubail Industrial Area (Marafiq).
- Worked as Site Electrical Engineer in Sea Water Reverse Osmosis Desalination Plant, this Plant consists of four complete R.O. Units, every R.O. Unit have (Epoxy coated steel structure with one (1) lot of hardware and supports designed to mount Qty (16) Protec Pressure vessels model no. Pro-8-1200-SP, Qty (1) Fedco High pressure pump model no. MSS-7040 with Turbo charger Model no. HPB80, Qty (1) Excel cartridge housing model no. 66EFCT3-4C150, skid pipe work, cabling, instruments & sampling panel), Feed Pumps, Multi Media Filters, Reject Pumps, Intake Water wells, Water Tanks).

**Dates** : From Jan. 2005 till Apr. 2008  
**Employer** : INTECH – Cairo, Egypt  
**Job title** : O&M Engineer  
**Job Description** :

- Plant Manager, Operation and Maintenance for Sewage treatment plant this plant consists of (mechanical bar Screen, Lift Station, Lift Station Pump, Motive Pumps, SBR Tank (one tank reactor), Waste sludge pumps, chlorination system, gate valves, butterfly valves, check valves,

- Actuators & MCC for Siemens Company).
- Preparation of Technical Reports.