

102198-ELE-568CDE-E-2006
Senior Electrical Design Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 15 years experience working in the field of Electrical Construction of Sewage treatment plants & infra structures, in addition to buildings and skills in Project Management & Site Supervision in many Mega project and approved by Saudi Aramco.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1983
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Zagazig University, 2006

LANGUAGES

Arabic : Native Language
English : Fluent
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD, Dialux, Ecodial

TRAINING COURSES AND CERTIFICATIONS

: Trainings in ABB Company (1 month in 2003 & 1 month in 2004).
: Training in Talkha Electricity Plant (1 month in 2005).
: English Course in AUC (with grade B+).
: Course in Earthing system design & installation on construction sites.
: Full course (3 stages) in ICEMT (Institute of Construction Engineering & Management Technologies).
: Project management professional exam preparation (PMP) in ICEMT.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2019 till now
- Employer** : Saudi Services for Electro Mechanic (S.S.E.M.) – KSA
- Projects** :
 - RO-STP Project – ARAMCO Economic City – GAZAN, KSA
 - STP Project - Average capacity 40,000,000 L/ day
 - RO Project - Average capacity 60,000,000 L/ day
 - Electrical Substation – 32 & 12.5 MVA)
- Job title** : Senior Electrical Design Engineer (Aramco Approved)
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- Dates** : From Nov. 2014 till Aug. 2019
From Mar. 2008 till Nov. 2013
- Employer** : The Arab Contractors Company
- Projects** :
 - Optimization of 1st Stage of Gabal El-Asfar Wastewater Treatment Plant (Average capacity 300,000 m3/ day), CAIRO – EGYPT
 - Wastewater Pumping Stations, Benha, Qalyoubia – EGYPT
 - Cleopatra Plaza Building, ALEXANDRIA – EGYPT
 - Kafr-Elsheikh Hospital, kafr-Elsheikh – EGYPT
- Job titles** : Technical Office Engineer / On-site Supervision Engineer
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- Dates** : From Nov. 2013 till Nov. 2014
- Employer** : ABDULLAH A.M. AL-KHODARI SONS COMPANY, KSA
- Projects** :
 - Electrical Infra-structure works (Buraidah, AL-RAS - KSA)
 - 300-Bed Hospital (Al-Qatief – KSA)
 - Ceremony building – Dammam University (DAMMAM – KSA)
- Job title** : Technical Office Engineer
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- Dates** : From Feb. 2007 till Mar. 2008
- Employer** : Dakahlia Poultry Company, Egypt
- Project** : Pellet Feed Factory (DAKAHLIA – EGYPT)
- Job title** : Construction Site Engineer
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- Field of experience** :
 - Load estimation and review Power systems (Main power feeding, SLD, Panel Board details calculations sheets and designs for Electrical Systems:
 - MV Power System (RMU, MVSG, MV Cables).
 - LV Power System, UPS, ATS, Power Transformer, Standby Generators, Capacitor Banks, all type of Panelboards (MDB, SMDB, DB, DDC, MCC).
 - Earthing & Lightning protection systems.
 - External & Internal Lighting (Normal, Emergency and DALI lighting).
 - Low Current Systems (BMS, Fire Alarm FA, Telephony/IP Data, Public Address, Access Control ACS, CCTV, Clock, Nurse Call NCS).
 - Design and/or review Cables routes for infra structures works & cables laying in cable trays.
 - Develop and/or preparing shop drawings and detail interface drawings.

- Preparing As-Built drawings.
- Review Elec. drawings & technical Specs for equipments complying with contract specifications.
- Oversee the preparation of contract drawings, specifications, and other materials suitable for procurement and construction purposes.
- Review contract drawings, specifications and other procurement materials.
- Review B.O.Q for electrical works to comply with contract Quantifies.
- Coordination among Electrical Works and other activities.
- On-site Electrical supervision during construction stage to assure that, Sub-Contractors are carrying out the works in accordance with the contract specs.
- Check the compliance of on-site delivered machines /equipment with the contract specifications before handling-over to the Engineer.
- Should manage subcontracts work activities for installation of electrical and control system on site and project related activities including engineering calculation, technical submittal, purchase order system wiring development and interfacing.
- Carrying out Installation, Testing and Commissioning for some electrical systems.