

Holds a B. Sc. in Mechanical Power Engineering and has more than 3 years hands-on experience working in design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/01/1992
Gender : Male
Marital Status : Married
Residence : El-Zatoon, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2014
: High School: El Maaref El Hadesa Language School, 2009

LANGUAGES

Arabic : Native Language
English : Excellent
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: HAP
: Elite for Fire Fighting hydraulic calculation
: ASHRAE and Trane Duct Fitting calculator
: Solid Works

TRAINING COURSES AND CERTIFICATIONS

: HVAC course from Dar El Tasmem Consulting Group (including: load estimation: manual & HAP, selection of havc equipments, air outlets, duct design, ventilation systems, smoke management, chilled water system & DX system).
: Projects Control certified from SIEMENS.
: Construction Contracts from SIEMENS.
: Fire Safety from SIEMENS.
: Fundamental for Project Management, Certified from Virginia University.

- : ES Pumps from Schlumberger.
- : Human Resources Diploma from ALISON.
- : Marketing course certified from Stanford University.
- : ICDL
- : Entrepreneurship Diploma from Yaki.
- : Sociology course from Princeton University (online course).
- : Pumping system certified from Schneider University.
- : HVAC system certified from Schneider University.
- : Internships:
 - EVA Pharma at the factory for two months.
 - Petrobel at site at Abou Redis (South of Sinai).
 - Quality Internship from LEONI (including: lean manufacturing, six sigma and manufacturing process).
 - Head Office at Nile City at project control department at OCI (Orascom Construction and Industries).
 - SMG (Engineering Automotive Co.), Porsche and Seat Maintenance Center in Egypt.
 - Misr Petroleum at Project Management department.
 - Supply chain workshop from Shell.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2015 till now
- Employer** : SIEMENS BT at Headquarter
- Job title** : Technical Office Engineer
- Job Description** :
- Preparing and Revising the mechanical shop drawings for HVAC, Plumbing and Fire Fighting systems as per project technical specifications, contract design drawings and international codes in order to submit it to the project consultant for approval.
 - Reviewing material submittals.
 - Preparing and Revising shop drawing for all mechanical areas (pump rooms, chiller rooms, cooling towers & AHU ROOMS).
 - Developing the new design drawings resulting from construction variation requests.
 - Providing required calculations for all systems.
 - Responsible for technical support for BIM team in their queries or requirements.
 - Coordinate with other technical departments regarding the issuance of shop drawings.
 - Responsible for design of HVAC, fire fighting and plumbing systems of the projects.
 - Prepare designs, calculations, sketches, diagrams, schematic drawings, Risers and final shop drawings.
 - Check Integrity of Mechanical Systems with other Electrical and BMS Systems to confirm and prepare operation matrix.
 - Support Tender Department by Design review, Prepare necessary V.E Studies and studies required for variation.

- Dates** : From Aug. 2014 till Oct. 2015
- Employer** : Design and Management Group (DMG)
- Projects** :
- ZEWAİL CITY utility buildings service the city with cooling load capacity of 10 water cooled chiller each capacity 1400 ton total load capacity is 14000 TON REFRIGERANT (Preparing and Revising shop drawing for all mechanical areas (pump rooms, chiller rooms, cooling towers & AHU ROOMS), calculation verification for all equipments & revising all equipment submittal)
 - SECON TOWERS (FALCON) two towers with 22 floor hotel and residential buildings (Preparing and Revising shop drawing for all HVAC, Fire fighting, Plumbing systems and mechanical areas (pump rooms, chiller rooms, cooling towers & AHU ROOMS), calculation verification for all equipments, revising all equipment submittal & preparing schematics and riser diagrams)
 - East town (shop drawing for infrastructure networks including: Sewage, water supply and irrigation systems)
 - MOI (MINISTRY OF INTERIOR) (shop drawing of HVAC, Fire fighting system & Chilled Water network)
 - Marassi Sidi Abd-El Rahman (Design for Irrigation System)
 - VISA Consular office for UAE Embassy (Design of: HVAC & FIRE Fighting system)
 - GDH (Golden Domes Hotel) (CALCULATION for External static Pressure for all equipments in the building and Fire Pump)
 - Mirabel Blue (Design of: HVAC & FIRE Fighting)
 - Magic Planet (Design of: HVAC & FIRE Fighting system)
- Job title** : Mechanical Design Engineer
- Job Description** :
- Responsible for design of HVAC, fire fighting and plumbing systems of the projects.
 - Reviewing material submittals submitted by the contractor.
 - Prepare designs, calculations, sketches, diagrams, schematic drawings, and final shop drawings.
 - Responsible for coordination between the mechanical design team and other disciplines.
 - Responsible for Preparing B.O.Q for the projects.
- Job Description** : Customer Care Agent for Vodafone High value customers.
- Job Description** : Tele Sales Agent for Canadians