

Shady Mustafa Ahmed

Dear Sir/Madam,

It would be an honor to introduce myself as a prospective candidate applying for a position as senior mechanical engineer in your highly esteemed corporation.

I do strongly believe that my academic background incorporated with my personal skills as well as my previous experience have provided me with all needed elements to establish a solid-grounded career in the previously mentioned position.

Kindly find herewith attached my resume.

Thanks for your time and attention.

Sincerely,

Shady Mustafa.

Shady Mustafa Ahmed Mohamed

Senior Mechanical Engineer - CFPS-LEED AP BD+C

349 Port Said St. – Bab elkhalk – Downtown – Cairo - Egypt

E-mail: eng_shady2002@hotmail.com

Mobile: +2010 0501 1716, Home: +202 2395 7515

Career Objective

An ambitious dedicated Senior mechanical engineer and Certified Fire Protection Specialist (CFPS) and LEED AP® BD+C with a solid and diversified experience in design review, review of submittals and supervision of site works for a wide range of mechanical installations related to Firefighting, plumbing and VAC disciplines for railway projects and stations, mixed-use complexes and others.

Well versed in the coordination of project activities among various authorities like QCDD and PWA in Qatar, supervising site works, witnessing and approving testing and commissioning activities,

Preparing progress reports and other technical documentation, etc.

Working for almost two years as a coordinator engineer among the core team members in two projects in Qatar.

Currently seeking a challenging position within my field that can utilize my potential and knowledge which ensures my professional and personal growth.

Professional Experience

Dar Al-Handasah (Shair and Partners) –Egypt, Qatar and Kuwait 09/2014- until now
Senior mechanical engineer - CFPS -LEED® AP BD+C

- Responsibilities:

- Design safety review on firefighting and plumbing design submissions for the following projects:
 - **New administrative capital (Ministries District, Parliament and Cabinet buildings) - Egypt**
 - **Kuwait air force base extension (KAFB) - Kuwait.**
 - **Medical center of American University in Beirut – Lebanon.**
 - **King Khaled international airport in Riyadh – KSA.**
 - **Diar Ras Al-Hadd – Oman.**
 - **Doha Marriott Hotel – Qatar.**
 - **Qatar Education City Project under Qatar foundation fund - Qatar.**
 - **QCDD submission for Qatar education city-Qatar Foundation – Qatar.**
 - **Entebee international Airport – Uganda.**
 - **Water pumping station from Cuene River to Shana zone - Angola.**

- Review and approval for the long lead firefighting and plumbing equipment material submittals for the following project:
 - **New Administrative capital project - Cairo.**

- Coordinator and technical support senior engineer concerning firefighting, plumbing and

mechanical infrastructure on Site.

- Review, coordinate and approve all technical material submittals and workshop drawings related to the firefighting and plumbing works.
- Manage, Monitor and control the sub-contractor performance.
- Conducting site inspections for all executed works considering the local codes requirements and all special requirements regarding the air crafts and painting' hangars and bunkers. for the following project:

➤ **Kuwait Air Force Base (KAFB) Ali Alsalem Air force Base extension-Kuwait.**

- Understanding applicable codes, standards and project contract documents.
- Monitoring construction activities to ensure compliance with contract documents.
- Respond on any related queries, SCR's, RFI's. ..etc, review and approve any related deliverables like material submittals, samples and shop drawings for the following project:

➤ **Renovation of Semiramis intercontinental hotel-Egypt.**

- Participated in design safety reviews in addition to the review, coordination and approval of Mechanical shop drawing and material submittals for the following projects:

➤ **King Abdullah Bin Abdel Aziz Extension for the Holy Haram, Saudi Arabia.**

➤ **Madinah Haram Expansion.**

➤ **Madinah Hajj City.**

➤ **Mekkah First Ring Road.**

➤ **King Abdulaziz International Airport.**

- Participate in design safety review on the firefighting and plumbing submissions in Qatar commencing schematic design stage passing through detailed design and ending with authorities and issue for construction submissions.
- Oversee design progress against schedule and budget.
- Review, negotiate and recommend for approval/disapproval on design change orders.
- Arrange and attend the meetings and the technical workshops with the client, stakeholders and with all participant parties in the project to coordinate with their requirements and conform on the final form of our design.
- Coordinate and control design submittals for owner's review and approval for the following projects:

➤ **LUSAIL Towers, Infrastructure, LRT Station, Car Park and Landscape- CP07B, Qatar.**

- CP07-B - Lusail Towers Infrastructure, LRT Station, Car-Park and Landscape: Car-Park redesign, Qatar. Preparation of complete redesign and tender documents for reducing an already designed 136,000 m² underground car-park by 36,500 m², thus requiring the redesign of impacted basements (3, 4 and 5), relocation of several elements from the impacted areas to the non-impacted zones, and accommodating changes to plaza-level elements which have an impact on the redesign of the underlying basement floors. The scope covered all electromechanical services.
- CP07-B - Lusail Towers Infrastructure, LRT Station, Car-Park and Landscape, Qatar. detailed design, tender documents and technical assistance during construction for various project components, including a 2-level tunnel along Road A1, combined LRT station, multistorey underground car-park, bridge at Junction No.19, six 11 kV substations, wet infrastructure utilities (sewerage, irrigation,

drainage), landscaping and public realm features, and integration of gas, district cooling and pneumatic waste collection systems, and other enabling works.

➤ **Al-Riffah station - Doha Metro Green Line Elevated and Tunnel Section, Qatar.**

Doha Metro Green Line Elevated Section, Qatar. Detailed design (GSAS 4 stars certified) and tender documents for the Green Line alignment (length of 3.2 km of which 2.7 km elevated) with one station, landscaping and all infrastructure utilities.

Shaker Consultancy Group-Egypt

10/2012-09/2014

Senior mechanical engineer

- Responsibilities:

- A resident site engineer responsible of HVAC, Fire Fighting and Plumbing.
- Study and approve the technical submittals and the samples as well in accordance to the technical specifications
- Review the shop drawings and ensure its accordance to designs, required specifications and site conditions.
- Supervise working of construction staff and assist them if required.
- Maintain working of facility and ensure that work is done in accordance to project manuals and drafted drawings.
- Perform all Quality Assurance procedures, inspect the delivered equipment on site and check the installation processes such as pipe lines, sheet metal duct networks & pump stations.
- Coordinate with management to achieve project goals.
- Review and approve the submitted invoice compared to the quantities survey notes for the following projects:

- **Galleria-40 Mall (LEED Gold) – 6th October city.**
- **Porto Cairo Mall- 5th Settlement.**

Crown Home Consultants-Egypt

12/2008- 9/2012

Mechanical site engineer

- Responsibilities:

- A resident site engineer responsible of HVAC, Fire Fighting and Plumbing.
- Study and approval for technical submittals and samples according to the technical specifications
- Review the shop drawings and ensure its accordance to designs, required specifications and site conditions.
- Supervise working of construction staff and assist them if required.
- Maintain working of facility and ensure that work is done in accordance to Project Manuals and drafted drawings.
- A quantity surveyor engineer and revise on the project's invoices for the following projects:

- **Alex Bank-San Paolo Intesa in Smart Village.**
- **Administrative Building for Bena Misr Company in Smart Village.**

Ministry of Finance, Engineering Dept., Egypt

07/2006 - 09/2014

Owner representative engineer

- Responsibilities:

- Study and review of the tender documents including but not limited to technical specifications, and tender drawings...,etc. and record the technical comments then send it back to the consultant which in role review and fulfill all comments preparing for tender process.
- Study the technical and financial proposals, and pick the proper proposals based on the approved technical specifications and the estimated financial value.
- An executive site engineer concerning HVAC, firefighting, plumbing and elevators.
- The dedicated engineer on behalf of the department to approve the contractors' invoices for the following projects:
 - **Large Taxpayer Center in Cairo.**
 - **Central Archive of inspection tax files Building in 6th October city.**
 - **Head Quarter Building for Authority of sales tax in Cairo.**
 - **Medium taxpayer building in Zagazig.**
 - **Central Building of middle& west areas in Cairo.**
 - **Training Center of Authority of Sales Tax in Almaadi -Cairo.**
 - **Central building for authority of sales tax in Qena& Qalub.**

Arab bureau for designs & technical consultations - Egypt 04/2005-07/2006

Mechanical engineer

-Responsibilities:

- A supervisor site engineer concerning HVAC and elevators works.
- Study and approve the technical submittals, samples and shop drawings.
- A quantity surveyor engineer and reviewer on the contractors' invoices for the following projects:
 - **Alareesh national museum.**
 - **Directorate of security in Port Said.**
 - **The ideal media center.**
 - **Awlad Sakr Hospital.**
 - **Traffic representations building.**

Training and Certifications

Ministry of Defense - Air Defense Forces -Egypt 01/2004-03/2005

(Military service)

Responsibilities

- Supervision on HVAC works at Air Defense hotel (Grand Tiba Rose Hotel).
- Dedicated engineer from the Air Defense Force to follow up the interior Design and finishing works in the hotel.

Compenon Bernard Company - Egypt 07/1999-08/1999

(Summer training)

- Responsibilities

- Supervision on the industrial security in greater Cairo metro project line II phase 1&2 Faysal station.

Education and Credentials

Bachelor of Science in mechanical engineering, Cairo University, CA. 2003

Skills and Abilities:

- AutoCAD 2D
- Supervision on construction
- Work effectively with Seniors, Team members, Colleagues and Client
- Microsoft Office
- Team Leadership
- Fluent written and spoken English
- Elite Software
- Hand Calculation
- Fluent written and spoken Arabic
- LEED GA Accredited™ (License 10956876)
- Full Member in ASPE™
- LEED AP® BD+C (License 10956876)
- **Preparing for CFPS exam**

Courses:

- AutoCAD at Cairo University.
- Elevators at Arab Contractors Training Center.
- English conversation at Berlitz center.

Personal Data

Nationality : Egyptian.
Marital status : Married.
Military status : Accomplished.
Date of Birth : 05-03 -1981
Place of Birth : Cairo - Egypt.

REFERENCES WILL BE FURNISHED UPON REQUEST