

# Ahmed Saad El-Azwak

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**CAREER OBJECTIVE |** Senior Mechanical engineer with Eight years of experience specialized on the construction field of mechanical systems and codes related to the construction, Education background and my skills with good knowledge of Fire Fighting, HVAC, Plumbing and all Technical analytics, with excellent problem solver, with a deep background in procurement handling background on market analysis, market price control, suppliers evaluation, Seeking an engineering position to use my skills and qualifications in your company.  
To Support the Growth and Profitability of a Reputable Organization That Provides Challenge Encourages Advancement.

**EDUCATION | Menoufia university in Menoufia (2018)**

- Bachelor Degree of Engineering.
- Department: Mechanical Engineering
- **Graduation Project:** Hydraulic arm design & Safety factors in manufacturing Cars
- **Project Grade:** Excellent

**WORK EXPERIENCE | Arab Sustainable Architecture For Engineering Consultants, Al-Khobar, (2024 , Present)**  
**Position: Senior Consulting Mechanical Engineer**

**Functional tasks:**

- Supervision of mechanical Firefighting works.
- Supervision of plumping works on site.
- Supervision of HVAC works on site.
- Reviewing and modifying Tender drawings to the site Conditions.
- Revision of all safety work related to the mechanical works inside the site.
- Reviewing the Materials Submittals according the project specifications and Design.
- Coordination with contractor the process of testing and Commissioning for Mechanical system.
- Inspection the quality of mechanical systems installations on site.
- Review all RFI requested by the contractor.
- Review MIR related to the delivered materials on site according to the approved submittals.
- Coordinate with Main Contractor the Schedule of works and all related procurements on site.

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**Al-Rajhi co, Makkah, Saudi Arabia, (2024)**  
**Position: Senior Site Engineer**

**Functional tasks:**

- Supervision on Mechanical works on site.
- Supervision on the quality of work inside the site.
- Revision of all safety work inside the site.
- Reviewing the shop drawings before executing work on site.
- Coordination with subcontractors for all mechanical works on site.
- Monitoring the performance of subcontractor and issuing invoices.
- Handling the works on site with consultant.
- Supervision on mechanical installations on site and coordinate with consultant.

**Barq Al Mustaqbal co, Enowa association in Neom, Saudi Arabia, (2022, 2024)**

**Position: Senior Mechanical Site engineer**

**Functional tasks:**

- Supervision of Mechanical works on site.
  - Coordination of the mechanical works before executing work on site.
  - Issuing the Shop drawings of mechanical systems related to the tender Package.
  - Making a plan of material supplying on site related to the time schedule.
  - Coordination between the subcontractors works on site.
  - Testing and evaluate of the existing Water networks and issuing the reports.
  - Making proposals to the client to making agreements with client.
  - Reviewing of the specifications of the materials related to the Project.
  - Supervision of the quality required during installation to deserve client trust.
  - Checking all needed specifications for parts.
  - Reviewing safety Plans and controlling these safety procedures on site during work.
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**AlWaleedoffice , Cairo**

**(2019:2022)**

**Position: Technical Mechanical Engineer**

**Functional tasks:**

- Supervision on the site works installation systems.
- Provides expertise and direction for designing drawings that include AutoCAD & Revit work.
- Analysis and detected the hazards for each partitions.
- Determine Consuming of water supply of project according to IPC.
- Design of HVAC System according to Codes.
- Evaluating the design performance before issuing the tender package.
- Executing issuing the design according to calculations required .
- Executing Work plan and Schedule of the mechanical works with contractor related to the Timeline of the project.
- Coordination of Mechanical works with other systems.
- Making a plan of procurement to be stucked with time schedule.
- Supervision of works on site to maintain the quality required of the client.
- Pre-test for components to evaluate the quality before use and issuing the testing and Commissioning reports of systems.

**Hosny Abdu, Cairo (2018:2019)**

**Position:** Technical Design Engineer

**Functional tasks:**

- Design Firefighting drawings and Related systems.
- Design Plumping drawings Including Water supply system and Drainage system.
- Maintain the design as per client requirements and country codes.
  
- Maintain the Cost of project and the quality required of the mechanical system.
- Support the Sites engineers in the design issues.
- Evaluate the hazards of each partitions to be fully fire fighting controlled.
- Issuing the Bill of quantities with actual quantities related to the design.

**SKI LLS**

**| Language Skill**

- Arabic: Mother Tongue
- English: Excellent
- French: Good

**Technical Skills**

- Microsoft Office (Word, PowerPoint, Excel)
- Work in a team.
- Project management.
- Data analysis.
- Data base management.
- Documentation.
- Modeling.

**Transferable skills**

- AutoCAD
- Problem Solving
- Communication Skills

- Revit
- Technical Analyses
- Shop drawings
- Detail-oriented
- HVAC
- Flexible
- Plumbing
- Codes of mechanical system Applying

#### Certificates:

- CIPM (Certified International Procurement Manager )
- Mechanical Design systems
- Saudi Council Engineering registration ( Professional )



Membership no.:943519

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date 19/4/1438 H. SCE has approved:

**AHMED SAAD ESMAEIL ELAZWAK**

Professional Accreditation Category: Engineer

Specialization: Mechanical Engineering

Professional Grade: Professional

Professional Accreditation Start Date: 5/26/2023

This Certification is valid until: 26 May 2026



عضوية رقم: 943519

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ. ونظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ. ولائحته التنفيذية فقد قررت الهيئة اعتماد:

**احمد سعد اسماعيل الازوك**

فئة الاعتماد المهني: مهندس

التخصص: هندسة ميكانيكية

الدرجة المهنية: محترف

تاريخ بداية الاعتماد المهني: 5/26/2023

هذه الشهادة صالحة إلى تاريخ 10 ذو الحجة 1447

Secretary General الأمين العام

مساعد بن عبدالله العتيبي



Digitally signed