

# C.V

## Personal Information

- **Name:** Mahmoud Gamal Abdel-samea Dawood Mohamed
- **Date of Birth:** 6th Jan, 1992
- **Marital status:** Married.
- **Nationality:** Egyptian.
- **Address:** Elnozha District – Jeddah – Saudi Arabia.
- **Saudi Driving License:** Available
- **Military service:** Final Exempted.
- **Email:** [m.gamal.hd55@gmail.com](mailto:m.gamal.hd55@gmail.com) / [m.gamal\\_hd@yahoo.com](mailto:m.gamal_hd@yahoo.com)
- **Mobile:** (+966)504120704 - (+20)1099090619

## Education:

- Menofiya University (Faculty of Engineering)
- B.Sc. of Mechanical Power Engineering (May 2014)
- Grade: V.Good
- Graduated Project: Investigation of Two Phase Flow through Steam Jet Ejector.
- Project Grade: Excellent

## Experience:

### 1- Working for DARCO Company in Kingdom of Saudi Arabia Through the Period from (Aug 2024 till Now) As Senior Mechanical Site Engineer and Responsible for:-

- Supervising Mechanical Installations for Firefighting, Plumbing and HVAC Systems in addition to Elevators from Beginning to handover for Customers in the following Projects:
  - Two High Rise Building 17 Floors.
  - Rawda Project (DARCO Signature) Compound of 16 Buildings.
  - SAFA Project (DARCO PLAZA) Compound of 20 Buildings (Finished).
  - ALSALAMA Project (DARCO BELLA) Compound of 8 Buildings.
  - ALNAHDA Project (DARCO CASA) Compound of 6 Buildings (Finished).
  - ALNAHDA Project (DARCO ELITE) Compound of 10 Buildings.
  - ALZAHRAA Project (DARCO HILLS) Compound of 3 Buildings (Finished).
- HVAC & Firefighting & Plumbing systems:
  - Duct installation works-chilled water networks – HVAC Equipment installation (Chillers including its pumps and hookup - cooling towers-AHU-FCU-VRF units Energy transfer stations)).

- Ventilation system (Fresh and Exhaust fans).
- smoke management systems according to life safety code considerations. (pressurization system and smoke extraction system).
- Plumbing system (water supply and drainage).
- Pump rooms installation (irrigation-firefighting-domestic).
- Firefighting system (wet pipe sprinklers and gas suppression (FM200-NOVEC 1230)).
- Infrastructure works (manholes, sewage networks, inspection chambers, lift stations, and buried medium voltage cable). Works as a site, QC Engineer and Execution for As built Drawings.
- Supervising and Managing all Mechanical Engineers in Mechanical Section and Follow up their Performance and Commitment to the time schedule for each Project.
- Execution, Reviewing Purchase Orders, Contracts, distribution of tasks on contractors, Making RFI, Supervising the technicians, check and inspect Project Materials.
- Review and Supervising Execution of all Shop Drawings, As built Drawings, P&ID Drawings and PFD Drawings.
- Reviewing of Project Invoices, Time Schedules, Inspection Requests and B.O.Q.
- Review of Contractors design submittals, specifications, technical reports, calculations and coordinate work of other disciplines and departments.
- Leads other Engineers and design personnel in technical excellence and growth in the Quality Improvement Process.
- Managing consultants and contractors, at same time to perform a key role in project Mechanical Installations, planning, budgeting, and identification of resources needed for Service MEP Projects.
- Familiarizes with all Firefighting, Plumbing and HVAC codes and standards, General Design Criteria and Technical Guidelines, standard drawings, standard guide specifications.

**2- Working for National Electricity Technology Company (KAHRABA) Through the Period from (NOV 2017 till Aug 2024) As Assistant Section Head Mechanical Construction Engineer and Responsible for:-**

- Supervising Installation works for All Firefighting Systems (CO2, FM200, Fire Search, Deluge Wet Pipe Sprinkler and Foam System), Plumbing (Water Supply and Drainage) and HVAC Systems (Chilled Water, VRF, Split, DX, and Duct Split Systems).
- HVAC & Firefighting & Plumbing systems:
  - Duct installation works-chilled water networks – HVAC Equipment installation (Chillers including its pumps and hookup - cooling towers-AHU-FCU-VRF units Energy transfer stations)).
  - Ventilation system (Fresh and Exhaust fans).
  - smoke management systems according to life safety code considerations. (pressurization system and smoke extraction system).
  - Plumbing system (water supply and drainage).
  - Pump rooms installation (irrigation-firefighting-domestic).

- Firefighting system (wet pipe sprinklers and gas suppression (FM200-NOVEC 1230)).
- Infrastructure works (manholes, sewage networks, inspection chambers, lift stations, and buried medium voltage cable). Works as a site, QC Engineer and Execution for As built Drawings.
- Supervising Mechanical Installations for Gas Power Plants Projects of KAHRABA (WARTSILA Gas Gensets & BERGEN Gensets & CATERPILLAR Gas Gensets) from Beginning to handover i.e. Reviewing Designs, Supervising Constructions, Pre-Commissioning, Commissioning, Start Operation & handover to Operations.
- Familiarizes with all Commission codes and standards, General Design Criteria and Technical Guidelines, standard drawings, standard guide specifications and BOQ.
- Execution, Reviewing Purchase Orders, Contracts, distribution of tasks on contractors, Making RFI, Supervising the technicians and check and inspect Project Materials.
- Review and Supervising Execution of all Shop Drawings, As built Drawings, P&ID Drawings and PFD Drawings.
- Reviewing of Project Invoices, Time Schedules, Inspection Requests and B.O.Q.
- Review of Contractors design submittals, specifications, technical reports, calculations and coordinate work of other disciplines and departments.
- Leads other Engineers and design personnel in technical excellence and growth in the Quality Improvement Process.
- Managing consultants and contractors, at same time to perform a key role in project Mechanical and Electrical Installations, planning, budgeting, and identification of resources needed for Service Power Plants Projects).
- Quantity Surveying.
- Cost Control for Spare Parts Required for 4 Power Plants as per Budget.
- Provide response and technical solutions to RFI's raised by Contractors, Operation and Maintenance.
- Providing Scope of Works and Shop Drawings for all works needed to be done in any of the 4 Power Plants.

**3- Working for Ever grow for Specialty Fertilizers Company through the period from (Dec 2015 till NOV 2017) as a Mechanical Site Engineer in (S.A) Sulfuric acid plant and (S.O.P) Sulphate of Potassium Plant and was responsible for: -**

- Piping Installations and Tanks Manufacturing according to API and ASME Codes.
- Alignment, Assembling and installation all Rotating and Stationary equipment of plants Such as Steam Turbine, Boiler, Pumps and Blowers.
- Installations of Cooling Towers and Water Treatment Station.
- Reading, Reviewing and Applying PFD, P&ID and Isometric Drawings.
- Installations of Firefighting project of S.A Factory,
- Installations of all Steel structure and Pipe rack of the projects.
- Quantity Surveying.

#### **4- Worked for Sigma Petroleum Company from (Aug 2014 till December 2015) and was responsible for:**

- Piping Installations and Tanks Manufacturing.
- Supervising all equipment of plant such as: Gas compressors, Surge Tanks, Production / Test Manifolds, Centrifugal and Gear pumps, Flow Lines Equipment, Air compressors, Gas Turbines.
- Installation Assistance and Commissioning of all equipment and Pipelines.

#### **Objective:**

Seeking a reputable position in a respectable company that will help assert and enhance my efforts spent to achieve my goals, as someone of strong potential and eagerness to acquire and learn new skills and techniques, to best apply the experiences earned, and through which I can interact and work efficiently in a dynamic environment to prove myself.

#### **Languages:**

- **Arabic** :(Mother tongue).
- **English**: V.Good (written, spoken)

#### **Certificates & Personal Skills**

- PMP Certificate 2022
- Autocad Programming
- Microsoft office (Word – EXCEL – Power Point)
- Knowledge of Codes and Standards (ASME – ASTM – ASHRAE – SMACNA – NFPA – IPC)
- Ability to work as a part of a team
- Skilled in Project Management and Coordination
- Strong Analytical Mind
- Attention to Detail
- Excellent communication Skills
- Leadership and Management Skills

#### **Interests:**

- Reading.
- Travelling, Visit New Places and Knowing New People.

***References are available upon request***

شهادة خبرة

التاريخ: 2025/09/24

نشهد نحن شركة ديار الرائدة للمقاولات عامة (داركو) بأن الموظف المذكور أدناه يعمل لدينا بدوام كامل طبقاً للبيانات الآتية:

❖ الاسم كاملاً: محمود جمال عبد السمیع داود محمد

❖ الوظيفة: رئیس قسم الميكانيكا

❖ الجنسية: مصري

❖ رقم الهوية: 2582218448

❖ الفرع: إدارة المشاريع

❖ مدة الخدمة: من تاريخ 2024/08/17 حتى تاريخه

وننوه علي أن الموظف حسن السيرة والسلوك والحضور والأداء التام لكامل المهام الوظيفية المناطة له، وقد تم إصدار هذه الشهادة بناءً علي طلبه الشخصي دون أدني مسئولية قانونية أو مالية علي الشركة.



Date: Sep 4<sup>th</sup>, 2024

### Experience Certificate

This is to certify that **Eng. Mahmoud Gamal Abd Elsamea Dawoud** was working as a full-time employee in **National Electricity Technology Company (KAHRABA)** as **Assistant Section Head Technical Affairs** from **15/11/2018** to **14/08/2024**.

This certificate has been issued upon his personal request without any legal or financial liabilities on National Electricity Technology Company.

HR Manager

Mahmoud Abd Elhafez

*Mahmoud A. hafez*  
04.09.2024

 **KAHRABA**  
ENERGY TO TRUST  
National Electricity Technology Co.  
(KAHRABA)  
HR Sector



Certificate ID: PMI-2024-XL3439



# CERTIFICATE OF COMPLETION

This is to certify that

*Mahmoud Gamal Abdelsamea Dawood Mohamed*

has successfully completed

## PROJECT MANAGEMENT PROFESSIONAL TRAINING PROGRAM

This training program covered project management principles, Agile, Risk Management, and practices in alignment with PMI standards.

Completion Date: 21/03/2024

96 training Hours

Expiration Date: 21/03/2027

Dr. Mohamed Kassab  
Program Director



Dr. Enas Ghaly  
Accreditation Specialist

Address: 18 Mossadak Bek St, Agouza – Giza



## هوية مقيم

رقم النسخة ١

المملكة العربية السعودية

وزارة الداخلية



يجب التحقق  
من الرمز السريع  
قبل اعتماد  
التعامل مع الهوية

محمود جمال عبد السميع محمد

MAHMOUD GAMAL ABDELSAMEA MOHAMED

رقم الهوية: ٢٥٨٢٢١٨٤٤٨ تاريخ الانتهاء: ٢٢/٠١/٢٠٢٧

تاريخ الميلاد: ٠٦/٠١/١٩٩٢ مكان الميلاد: مصر

الجنسية: مصر الديانة: الاسلام

المهنة: مهندس ميكانيكي

هوية صاحب العمل: ٧٠٥٢٨٢٤٦٧٤

مكان الاصدار: شركة العلم لامن المعلومات

مكان العمل: المنطقة الشرقية

اسم صاحب العمل: شركة سعود محمد المطيري للمقاولات المعمارية

## رخصة سياقة

المملكة العربية السعودية

وزارة الداخلية



يجب التحقق من  
الرمز السريع قبل  
اعتماد التعامل مع  
الهوية

محمود جمال عبد السميع محمد

MAHMOUD GAMAL ABDELSAMEA MOHAMED

رقم الهوية: ٢٥٨٢٢١٨٤٤٨

نوع الرخصة: خصوصي

تاريخ الإصدار: ١٤٤٦/٠٤/٢٦ تاريخ الانتهاء: ١٤٥٦/٠٤/٢٦

تاريخ الميلاد: ١٤١٢/٠٧/٠٢ فصيلة الدم: +AB

الجنسية: مصر