

# Ali Mohamed Ali Abo El-Khair

## "Mechanical Engineer"

### PERSONAL DATA :

Date of birth: 14th April 1994  
Nationality: Egyptian  
Education: Bachelor of Mechanical Engineering 2018  
E-mail: aliaboelkear@gmail.com  
Mobile: +966542101499



### Summary :

**QA/QC Mechanical Engineer** with over 8 years of experience in the construction industry across the **power plant, petroleum, and water sectors**. Certified **PMP** and **ISO 9001:2015 Lead Auditor**, with proven expertise in **quality assurance and control** as well as **project management**. Skilled in risk assessment, quality planning, schedule coordination, and ensuring compliance with international standards. Strong ability to align quality processes with project goals to deliver successful, timely, and cost-effective engineering solutions.

### WORK HISTORY

#### **Pillar Arabian for trading and construction**

From Jun 2024 to present

working as Sr. QC /QA engineer

#### Roles and responsibilities:

- Developed and implemented **Inspection & Test Plans (ITPs)** in coordination with project requirements and QA/QC standards.
- Prepared **Material Approval Requests (MARs)** and ensured that materials conformed to project specifications prior to procurement and delivery.
- Prepared **Material inspection Requests (MIRs)**.
- Coordinated with **consultants for material approvals** and **site inspections** to ensure timely approval and compliance.
- Managed the **handover of materials and completed works** to consultants.
- Carried out **site inspections** and ensured works were executed as per approved drawings and specifications.
- Performed Quantity Surveying (**BOQ**) and **prepared invoices** for the client and subcontractors.
- Followed up with the **Procurement Department** regarding the status of Purchase Orders and delivery schedules.
- Maintained regular communication with **suppliers** to fulfill and expedite material requests.
- Actively involved in the preparation and implementation of **Quality Control procedures** aligned with ISO 9001 standards.
- Monitoring project progress and ensuring timely completion of assigned activities.

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- Attending project meetings with consultants, clients, and subcontractors to resolve technical and scheduling issues.
- Preparing progress reports and tracking project milestones and deliverables.
- Supporting project planning, scheduling, and resource allocation as needed.

### Projects

- **Contract No. 5 – Riyadh**
- **Dhurma Station**
- **Arjah Station**
- **Al-Rin Stations** (Western Provinces)

### Madkour group

From Dec 2022 to May 2024

working as QC /QA engineer

#### Roles and responsibilities:

- Responsible for all aspects related to Project quality assurance and quality control.
- Ensuring pump pre-alignment and final alignment and MSR
- Responsible for overseeing / auditing of subcontractor Quality Management systems
- Completion of final quality documentation in a presentable manner in accordance with the conditions of contract
- Ensuring that all test reports are verified to meet the contract requirement
- Controlling all inspection activities on site (Welding Inspection, Testing the Welders, Dimensional Survey, NDE Operation (VT, RT, PT, MT, UT))
- Review & Approve of All Documents, Contracts, Standards, Drawings, P& IDs, Procedures, Specification & Reports (such as ITP, PQR, NDT, Hydro Test, Pneumatic Test, Leak Test, Hardness Test, Ferrite Test, PWHT, Flange Management, Test Pack, Punch List, Reinstatement).
- Oversaw subcontractor quality management systems

#### Projects:

- Managed QA/QC processes for Toshka 55 pump stations and Toshka 5 lift stations.
- pipe line at beer El-Abd Sinai
- lift station at beer El-Abd PS 7 & PS 8

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## “Mechanical Engineer”

### Petrojet

From “Oct. 2018 to Nov 2022

working as QA/QC Engineer

#### Roles and responsibilities:

- Familiar with international codes, inspection and testing requirements for pre-welding, in-process welding, and post-welding activities
- Check welding equipment, weld preparation, fit up, cleanliness, preheat, inter pass cleaning, inter pass temperature, PWHT, electrode storage and handling etc.
- Witness PAUT and Interpretation of PAUT reports.
- Review and Approve Piping, Pipeline & Tank Test Packages System and Release For Hydro Test / Reinstatement and Mechanical Completion, Construction Check Sheet.
- Carry out the inspections as per approved ITP, check sheets and related procedures. -Review company specifications, drawings, method statements, QC Procedures and inspection test plans.
- Site control for mechanical & welding activities as code, standard and specifications. - Prepare and Review test packages.
- Finishing of punch list with consulting team
- Prepare all equipment punch lists and verify all items are in place and act as an agent for the company during punch list activity.

#### **Projects:**

**Assigned as Petrojet QA/QC Engineer for the following project: -**

##### **onshore pipe line with khalda El-salaam:**

Laying of 35 km Pipeline 18”

Fabrication and Erection of (140,000) inches piping DI with different size

##### **MIDOR Refinery:**

Fabrication and Erection of (1300,000) inches piping DI with different size

#### **Professional Training and Certifications**

- Piping and Pipeline Engineering for Oil & Gas Industries
- NDT Level II
- ISO 9001: 2015 Lead auditor
- Leadership Practical Skills
- Project management professional -PMP

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### Skills

- Microsoft Office Suite
- AutoCAD
- Advanced English proficiency
- Problem-solving techniques
- Project Management & Coordination
- Risk Management
- Procurement Follow-up & Supplier Communication
- Enhanced Project Efficiency

### Languages:

- Arabic: Mother tongue
- English: Advanced

Ali Mohamed Ali Abo El-Khair

“Mechanical Engineer”

# CERTIFICATE OF ACHIEVEMENT



**intertek**  
Total Quality. Assured.

## ALI MOHAMED

has successfully passed all of the assessment requirements and completed the following CQI-IRCA certified course:

### ISO 9001:2015 Lead Auditor Quality Management Systems Training course

- The Course includes the assessment and evaluation of Quality Management Systems to conform to the requirements of ISO 9001:2015 and ISO 19011:2018
- The course meets the training requirements for individuals seeking certification under the IRCA Auditor Certification Scheme

**UNIQUE DELEGATE NUMBER**  
592840

**TRAINING DATE:**  
20<sup>th</sup> -24<sup>th</sup> October 2024



**COURSE ID:**  
18086

**Vyara Stankova**

**Authorised Signature  
Deputy General Manager  
Intertek  
Business Assurance**



For IRCA Membership Application To Be Made Within 5 Years From Last Day of Course



158971

Ali Mohamed Ali Abo El-Khair

“Mechanical Engineer”



THIS IS TO CERTIFY THAT

**ALI MOHAMED ALI ABOUELKHAIR**

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND RESOURCES AND IS HEREBY BESTOWED THE GLOBAL PROFESSIONAL CERTIFICATION

**Project Management Professional (PMP)<sup>®</sup>**

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

A handwritten signature in black ink, appearing to read 'Ike Nwankwo'.

Ike Nwankwo, PMP | Chair, Board of Directors



A handwritten signature in black ink, appearing to read 'Pierre Le Manh'.

Pierre Le Manh | President & CEO

Certification Number: 4051186

Original Grant Date: 23 February 2025

Citizenship: Egypt

Expiration Date: 23 February 2028



Ali Mohamed Ali Abo El-Khair

“Mechanical Engineer”



119398 / س / 20

الرقم

( 18 Feb 2025 م )

التاريخ

المرفقات: (بدون)  
الموضوع: إشعار تسجيل بالهيئة

خطاب تعريف  
Introduction Letter

To Whom it May Concern

اللى من يهمله الامر

Saudi Council of Engineers hereby certifies that

بهذا تشهد الهيئة السعودية للمهندسين بأن

ALI MOHAMED ALI ABOUELKHAIR

على محمد على ابو الخير

has been registered with SCE as follows :  
Identity No. : 3126662299  
Membership ID : 1070530  
Classification: Engineering

تم تسجيله في الهيئة وفقا للبيانات التالية :  
رقم الهوية / الإقامة : 3126662299  
رقم العضوية : 1070530  
التصنيف : هندسة

Specialization : Production Engineering

التخصص الرئيسي : هندسة الإنتاج

Membership Start Date : 9/17/2024  
Validity : 9/17/2025

تاريخ بداية العضوية : 9/17/2024  
صلاحية التسجيل حتى : 9/17/2025

This letter is issued upon his request without  
any liabilities towards the Council.

وقد أعطي هذا الخطاب بناء على طلبه وبدون أئني مسؤولية  
تجاه الهيئة.

Best regards,

وتقبلوا خالص تحياتنا

الامين العام



م. عبدالمنعم بن ضاوي المجنونى

الرقم الموحد:

920020820

www.saudieng.sa



@Eng\_Council



EngCouncil1

K. S. A. P.O.Box 85041 Riyadh 11691  
Riyadh:Tel. (011) 2942999 Fax 2405855  
Jeddah:Tel. (012) 2342298 Fax 2342303  
Dammam:Tel. (013) 8439288 Fax 8439286

Ali Mohamed Ali Abo El-Khair

"Mechanical Engineer"



شركة بلر العربية  
للتجارة والمقاولات

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

تمنح هذه الشهادة بكل فخر إلى

علي محمد أبو الخير

نمنحكم هذه الشهادة بكل حب وإعتراف ، لنؤكد  
تقديرنا لعطائكم المستمر وإسهاماتكم القيّمة  
متمنين لكم دوام التوفيق والنجاح

شهادة  
تقدير

شركة بلر العربية

التاريخ

21/03/2025

Ali Mohamed Ali Abo El-Khair

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مجموعة مدكور  
Madkour Group

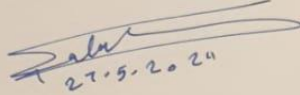
TO WHOM IT MAY CONCERN

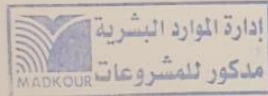
This is to certify that Ali Mohamed Ali Abo El-Khair was working at Madkour Group since 06-Dec-22 up till 09-May-24 .

Mr. Ali Mohamed Ali Abo El-Khair position was QC Engineer - Mechanical .

This certificate has been given to him upon his request without any responsibilities or obligations on the company.

Human Capital Department  
Madkour Group.

  
27.5.2024



Business Park, Building No. 8, Zizinia  
Compound, 5<sup>th</sup> District, New Cairo, Egypt  
Tel.: +202 26 12 5061  
Fax: +202 26 12 5066



المنطقة الإدارية، مبنى رقم 8، كينود زيزينيا،  
التجمع الخامس، القاهرة الجديدة، مصر  
التهون: +202 26 12 5061  
فكس: +202 26 12 5066

Ali Mohamed Ali Abo El-Khair

“Mechanical Engineer”

**STAR**  
Inspection Services

Qualification Certificate

THIS IS TO CERTIFY THAT

**ALI MOHAMED ALI ABO-ELKHAIR**

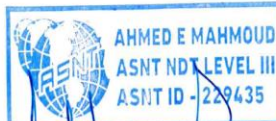
*Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing.  
He is hereby certified to:*

**RADIOGRAPHIC TESTING - LEVEL II**

**Eng. AHMED E MAHMOUD**

ASNT NDT LEVEL III

ASNT ID - 229435



*Ahmed E Mahmoud*

Certificate ID.: STAR-NDT-RT-2024-113

Initial date: 02-February-2021

Certificate date: 05-June-2024

Expiry date: 04-June-2029

Certificate No.: 24113

**STAR General Manager**

Eng. Eiad Abdelazeem

**STAR**

Inspection Services

*Eiad Abdelazeem*

STAR - Form 01/NDT - Rev.0

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“Mechanical Engineer”

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Inspection Services

Qualification Certificate

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**ALI MOHAMED ALI ABO-ELKHAIR**

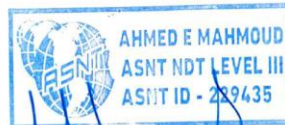
*Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing.  
He is hereby certified to:*

**VISUAL TESTING - LEVEL II**

**Eng. AHMED E MAHMOUD**

ASNT NDT LEVEL III

ASNT ID - 229435



Certificate ID.: STAR-NDT-VT-2024-113

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Eng. Eiad Abdelazeem

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Qualification Certificate

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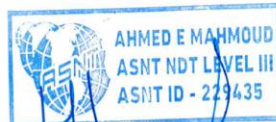
*Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing.  
He is hereby certified to:*

**ULTRASONIC TESTING - LEVEL II**

**Eng. AHMED E MAHMOUD**

ASNT NDT LEVEL III

ASNT ID - 229435



*Ahmed E Mahmoud*

Certificate ID.: STAR-NDT-UT-2024-113

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Inspection Services

Qualification Certificate

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*Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing.  
He is hereby certified to:*

**MAGNETIC PARTICLE TESTING - LEVEL II**

**Eng. AHMED E MAHMOUD**

ASNT NDT LEVEL III

ASNT ID - 229435



*Ahmed E Mahmoud*

Certificate ID.: STAR-NDT-MT-2024-113

Initial date: 02-February-2021

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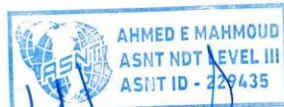
*Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing.  
He is hereby certified to:*

**LIQUID PENETRANT TESTING - LEVEL II**

**Eng. AHMED E MAHMOUD**

ASNT NDT LEVEL III

ASNT ID - 229435



*Ahmed E Mahmoud*

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