

Ali Mohamed Ali Abo El-Khair
SR. MECHANICAL QA/QC ENGINEER

Location : Riyadh, KSA

Mobile: +966 54 210 1499

Email: aliaboelkear@gmail.com

LinkedIn : <https://www.linkedin.com/in/ali-aboelkhair-20a875167/>

Nationality : Egyptian

Marital status: Married - 1 Child

Driving license: Valid

Transfer iqama is valid

PROFILE

- QC Mechanical Engineer with a total of 8 years' experience in inspection and construction fields and in-service field for different piping systems, pipeline, water pump stations, steel structures, wind power plant and MEP field. With extensive Quality Control skills in Oil & Gas plants and Workshop. Also experienced in plant shutdown works.
- **PMP certified (certification number: 4051186)**
- **ISO 9001:2015 lead auditor certified (certification number: 592840)**

EDUCATION

- **Bachelor's degree in mechanical production engineering - Alexandria University, Egypt 2018.**

Work Experience

- **Sr. QA/QC Mechanical Engineer | Pillar Arabian for Trading and Construction - KSA**

May 2023 – Present

Key Responsibilities:

1. Managing Material Inspection Requests (MIR) to ensure all delivered materials comply with project specifications and approved submittal
2. Conducting site inspections and raising Work Inspection Requests (WIR) for various construction stages (civil/finishing) to obtain consultant approval
3. Issuing Non-Conformance Reports (NCR) when deviations occur and following up on corrective actions to ensure proper rectification
4. Implementing the Inspection and Test Plan (ITP) for all site activities to ensure systematic quality control
5. Managed utility, HVAC, and firefighting systems. ensuring compliance with NFPA and project specifications.
6. Coordinated with consultants and clients for approvals and technical issue resolution.
7. Prepared invoices, as-built documents, and reports; supervised subcontractors and delivered accurate cost control.
8. Coordinating between various engineering disciplines (Civil, Electrical, Mechanical) to ensure smooth project execution in line with schedules and approved standards.
9. Preparing quantity take-offs and progress invoices (interim/final payment certificates) for executed works, ensuring accuracy and compliance with contractual and consultant requirements

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Projects:

1. Contract No. 5 – Riyadh
2. Dhurma Station
3. Arjah Station
4. Al-Rin Stations (Western Provinces)

• **Sr. QA/QC Engineer | Madkour Group | EGYPT**

Dec 2020 – May 2023

Key Responsibilities:

1. Oversaw QA/QC for HVAC, firefighting, and piping systems in water projects.
2. Approved test reports (Hydro, Leak, PWHT) and coordinated with clients for issue resolution.
3. Coordinating between various engineering disciplines (Civil, Electrical, Mechanical) to ensure smooth project execution in line with schedules and approved standards.
4. Preparing quantity take-offs and progress invoices (interim/final payment certificates) for executed works, ensuring accuracy and compliance with contractual and consultant requirements
5. Carry out MIR for materials receiving and check dimensions.
6. Reviewing clients welding documents as WPS, ITP, PQR and procedures according to project specification.
7. Inspection location and elevation of skid for pocket grout release and full grout.
8. Inspection pump suction and discharge pipe connection (parallelism).
9. Inspection pump final alignment.
10. Ensure that all ongoing works on site as per approved shop drawings, approved material, and project specs.
11. Inspection all welding in pump station visual.
12. Inspection Joint fit up, applying the Welding Procedure Specification.
13. Monitoring supplier NCRs.
14. Issuing daily reports and weekly reports for all activities.

Projects:

1. Toshka 55 Pump Stations and Toshka 5 Lift Stations.
2. Pipeline at Beer El-Abd, Sinai.
3. Lift Stations at Beer El-Abd PS-7 & PS-8.

• **QA/QC Engineer | PETROJET | EGYPT**

OCT 2018 – NOV 2020

Key Responsibilities:

- Perform Quality Control (QC) and Welding inspection during fabrication in workshops, modification projects, and repairs to Piping systems, ensuring full compliance with industry codes (ASME, ISO, NFPA).
- Review and approve construction shop drawings, material submittals, Project Quality Plans, Inspection and Test Plans (ITPs), Method Statements, and project-specific procedures.
- Responsible for managing all construction, repair activities, and Tie-In works during shutdown periods.

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- Check Joint fit-up meticulously, ensuring strict application of the approved Welding Procedure Specifications (WPS).
- Follow up on pre-heat and post-weld heat treatment (PWHT) processes, review relevant charts and documentation, and prepare the necessary reports for Non-Destructive Testing (NDT).
- Witness hydrostatic and pneumatic tests for piping systems and ensure test packages are prepared accurately.
- Control on-site mechanical and welding activities, ensuring that welders work within set quality standards and project deadline specifications.
- Apply Positive Material Identification (PMI) testing and hardness testing for various materials according to project specifications.
- Execute site inspections, material verifications, and quality audits to ensure complete compliance with all standards, codes, and specifications.
- Complete punch list activities in coordination with consulting teams and project representatives to achieve mechanical completion milestones.

Projects:

Onshore Pipeline with Khalda El-Salaam: Laying of 35 km, 18” pipeline; fabrication and erection of 140,000 inches of piping (DI) in various sizes.

MIDOR Refinery: Fabrication and erection of 1,300,000 inches of piping (DI) in various sizes.

CERTIFICATIONS

1. ISO 9001:2015 Lead Auditor – Quality Management Systems (certification number: 592840)
2. Project Management Professional (PMP) (certification number: 4051186)
3. NDT Level II
4. Certified by the Saudi Council of Engineers (SCE)

Skills

1. **Project Management & Control:** Primavera P6, MS Project, Project Scheduling, Scope Management, Technical Submittals & Approvals, Risk Assessment, PMP Methodology.
2. **Quality Assurance & Compliance:** ISO 9001:2015 Lead Auditing, Quality Management System (QMS), Inspection & Test Plans (ITP), NCR/CAR Handling, Welding Procedures, **(NFPA, ASME, API) Standards.**
3. **Mechanical Systems:** Piping & Pipeline Engineering, HVAC Systems (Installation & Testing), Firefighting Systems, Pump Stations Operation, Site Supervision.
4. **Leadership & Communication:** Stakeholder Management, Team Leadership & Mentoring, Technical Reporting, Problem-Solving, Effective Negotiation, Decision Making.

Software

AutoCAD

Revit

Primavera P6,

MS Office

Power BI, HAP

duct sizer

Ali Mohamed Ali Abo El-Khair
SR. MECHANICAL QA/QC ENGINEER

References

ENG . Haitham Maher	PMO manger at Pillar Alarabia	Tel : +966 59 355 9670
ENG. Mohamed Mabrouk	EX- manger at MADKOUR projects	Tel: +201004339098 / +966544336558
ENG. Waseem lotfy mohamed	QC/QA manger at petrojet	Tel: +201004339098 / +966500340524



جمهورية مصر العربية

جامعة الإسكندرية

شهادة تخرج

مؤقتة

0523670

تشهد كلية الهندسة أن م / على محمد على ابو الخير

رقم قومي ٢٩٤٠٤١٤١٨٠٢٣١٦

والمولود في البحيرة بتاريخ ١٤ / ٤ / ١٩٩٤ قد حصل على درجة

البكالوريوس من قسم هندسة الانتاج

دور يونيو ٢٠١٨ بتقدير عام مقبول

وينسبة مئوية قدرها (٦١.٨٠٠ %) واحد وستون وثمانمائة من الف في المائه

وقد أعطيت هذه الشهادة بناء على طلبه لتقديمها لمن يهمة الأمر

تحريرا في ١٠ / ١٢ / ٢٠١٨

عميد الكلية

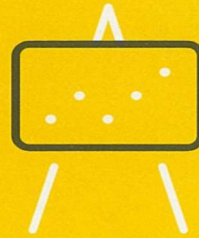
المسجل

الموظف المختص

أ. د. سعيد محمد علام



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:
20th -24th October 2024



COURSE ID:
18086

Vyara Stankova

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

Intertek Intertek Intertek



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)[®]

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



Membership no.:1070530

عضوية رقم: 1070530

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:

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:

ALI MOHAMED ALI ABOUELKHAIR

Membership Category: Engineer

Specialization: Production Engineering

Membership Start Date: 9/17/2024

على محمد على ابو الخير

فئة العضوية: مهندس

التخصص: هندسة الإنتاج

تاريخ بداية العضوية: 9/17/2024

This Certification is valid until: 17 September 2026

هذه الشهادة صالحة إلى تاريخ: 05 ربيع الثاني 1448



Secretary General الأمين العام

المكلف / م. فيصل بن عبدالله اليمني



Digitally signed



التاريخ ٢٠٢٥/١٠/١٦ م

الموضوع / شهادة خبرة

الي / من يهمله الامر

شهادة خبرة

السلام عليكم ورحمة الله وبركاته،

بهذا تفيد شركة بلر العربية للتجارة والمقاولات بأن: -

السيد / علي محمد ابوالخير (مصري الجنسية)

هوية رقم / ٢٥٨٤٩٨٦١٥٨

بانه يعمل لدينا وان لديه خبرة كافية بوظيفة (مهندس ميكانيكا) وانه وقد أبدى كفاءة مميزة في أداء عمله وذلك خلال الفترة من تاريخ: ٢٤/٠٧/٢٠٢٤م وانه ما زال علي راس العمل حتي الان وانه قام بتنفيذ جميع المهام المسندة إليه بجد وأمانة وانه حسن السير والسلوك طوال فترة العمل بالشركة.

وقد أعطيت له هذه الشهادة بناءً على طلبه دون أدنى مسئولية على الشركة،

شركة بلر العربية للتجارة والمقاولات



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
تمنح هذه الشهادة بكل فخر إلى

علو محمد أبو الخير

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

شركة بلر العربية



التاريخ

21/03/2025

شهادة
تقدير



مجموعة مدكور
Madkour Group

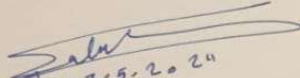
TO WHOM IT MAY CONCERN

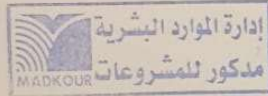
This is to certify that Ali Mohamed Ali Abo El-Kheir was working at Madkour Group since 06-Dec-22 up till 09-May-24 .

Mr. Ali Mohamed Ali Abo El-Kheir 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, 5th District, New Cairo, Egypt
Tel.: +202 26 12 5061
Fax: +202 26 12 5066



www.madkour.com.eg

المنطقة الإدارية، مبنى رقم 8، كوموند زيزينيا،
التجمع الخامس، القاهرة الجديدة، مصر
الهاتف: +202 26 12 5061
فاكس: +202 26 12 5066

STAR

Inspection Services

Qualification Certificate

THIS IS TO CERTIFY THAT

ALI MOHAMED ALI ABO-ELKHAIR

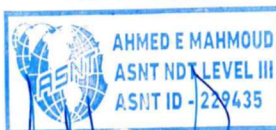
*Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing.
He is hereby certified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



Qualification Certificate

THIS IS TO CERTIFY THAT

ALI MOHAMED ALI ABO-ELKHAIR

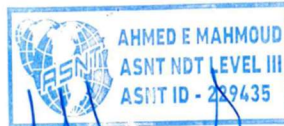
Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing. He is hereby certified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

VISUAL TESTING - LEVEL II

Eng. AHMED E MAHMOUD

ASNT NDT LEVEL III

ASNT ID - 229435



Ahmed E Mahmoud

Certificate ID.: STAR-NDT-VT-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





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:

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

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



Qualification Certificate

THIS IS TO CERTIFY THAT

ALI MOHAMED ALI ABO-ELKHAIR

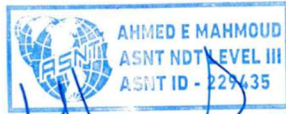
*Has fulfilled training and experience requirements and has been qualified according to the requirements of company Written Practice for personnel Qualification and Certification based on the recommendations of SNT-TC-1A 2020 Edition of the American Society for Non-destructive Testing.
He is hereby certified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

MAGNETIC PARTICLE TESTING - LEVEL II

Eng. AHMED E MAHMOUD

ASNT NDT LEVEL III

ASNT ID - 229435



A. Mahmoud

Certificate ID.: STAR-NDT-MT-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



Eng. Eiad Abdelazeem



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:*

LIQUID PENETRANT TESTING - LEVEL II

Eng. AHMED E MAHMOUD

ASNT NDT LEVEL III

ASNT ID - 229435



Ahmed E Mahmoud

Certificate ID.: STAR-NDT-PT-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



Inspection Services

Eiad Abdelazeem