

Engr. Muhammad Ismail

QC Mechanical Inspector

Transferable Iqama

+966530223580

Muhammadismailk21@gmail.com

[AL Jubail, Saudi Arabia](#)

Professional Certificate:

- QMS ISO9001: 2015 Lead Auditor Training Course (ID:143215) HiQual
- Level 3 Diploma in QA/QC Mechanical from HiQual United Kingdom Certificate No:143216
- Nebosh IGC (National Examination Board of occupational Safety and Health)
- OSHA certified (IASP) American Standard. Cert No: 0061752
- IOSH certified (managing safety UK standard) Cert No: 812290

OBJECTIVE:

Motivated and detail- oriented Shutdown and construction QC Mechanical Inspector with 5 years of experience in inspection, fabrication, installation and testing of mechanical system and static equipment. Seeking a challenging engineering role in a multi-cultural and organization, to contribute Successfully towards the growth of organization, utilizing personal skills, experience, and decision-making abilities

WORK EXPERIENCES (05 Years)

➤ **RIYADH REFINERY -SAUDI ARAMCO PROJECT, RIYADH, KSA** 17 DEC 2025- Continue

Client	Riyadh Refinery
Contractor	OLAYAN DESCON INDUSTRIAL CO.
Project	Shutdown of Riyadh Refinery
Position	QC Mechanical Inspector

- Blinding / Isolation
- Ensure the column is completely isolated from process lines to prevent accidental flow of fluids or gases during maintenance.
- Install blinds or spades at flanges to physically block the flow.
Confirm that all isolation points are in place and locked, following refinery safety procedures.
- Tagging / Lockout (LOTO)
- Prevent accidental operation or energizing of equipment during work.
- Attach tags and locks to valves, equipment, and pipelines to indicate “Do Not Operate.”
- Ensure all relevant personnel are aware, and a lockout/tagout (LOTO) permit is in place.
- Manway Opening & Permit
- Gain safe access to the interior of the column.
- Open manway covers after confirming isolation and safety permits.
- Verify that all necessary work permits (Hot Work Permit, Confined Space Entry Permit) are obtained.
- Pre-Inspection
- Document the “as found” condition of the column before cleaning.

- Conduct a visual inspection inside the column to note any corrosion, damage, or debris.
- Record findings for comparison with post-cleaning condition.
- Hydro Jetting Start
- Clean the internal surfaces of the column using high-pressure water.
- Begin hydro jetting, typically using condensate or water, to remove sludge, deposits, and contaminants.
- Ensure proper safety measures, ventilation, and protective equipment are in place.
- Post-Cleaning Inspection
- Verify that the column is clean and ready for further maintenance or inspection.
- Inspect trays, baffles, nozzles, and internals after hydro jetting.
- Document the cleaned condition and identify any damage or repairs required.
- Perform UT measurements.
- Skirt Access: Provide safe access for VT & UT.
- Gasket Work: Inspect and replace gaskets as per drawing.
- Spare Parts: Secure trays, bolts, washers.
- Cleanup: Remove scaffolding, lighting, and tools.
- Final Inspection: Verify work completion before closure.
- Manhole Closure: Box up manholes securely.
- Scaffold Removal: Dismantle external scaffolding

ADVANCE CONSTRUCTION POWER CO.

FEB 2025-NOV 2025

Project: Amala Staff Village-Zone 5

Mechanical QC Inspector

- Inspect all mechanical works such as piping, equipment installation, and supports according to project drawings and standards.
- Check that all materials used are approved and meet project specifications.
- Monitor fabrication, erection, and testing activities to maintain quality standards.
- Conduct visual inspection and assist during NDT (Non-Destructive Testing).
- Prepare daily inspection and test reports for submission to the QA/QC department.
- Identify defects or non-conformities and report them to the QC Engineer or Site Manager.
- Ensure corrective actions are properly implemented before final acceptance.
- Assist in hydrostatic, pneumatic, and leak tests for piping systems.
- Check installation of mechanical equipment like pumps, valves, tanks, and compressors.
- Ensure all measuring instruments and gauges are calibrated before use.
- Follow safety rules and quality procedures during all inspection activities.
- Attend site meetings and coordinate with construction, safety, and client representatives.
- Maintain proper records of inspection reports, test certificates, and material traceability.
- Support preparation of final quality documentation and handover packages.

Client: NEOM
Contractor: SATCO
Project: Neom Construction Village
Designation: Site Mechanical Supervisor

- Supervised and coordinated all mechanical works, including HVAC, plumbing, piping, and firefighting systems.
- Inspected installations to ensure compliance with project specifications, codes, and safety standards.
- Planned and scheduled mechanical activities to meet project timelines.
- Guided subcontractors and site personnel for quality workmanship.
- Reviewed mechanical drawings and resolved technical issues during execution.
- Maintained mechanical equipment and ensured adherence to safety and quality procedures.

➤ **AL ODWA AI OLIA ESTABLISHMENT FOR CONTRACTING JAN 2023-NOV 2023**

Project: Construction of Residential Villas (50 No. G+1 Villas), Riyadh
Consultant: Al-Jazirah Engineers & Consultants

Mechanical QC Inspector

- Checked plumbing, drainage, and HVAC works at the site.
- Verified that all materials and mechanical works followed project drawings, specifications, and standards.
- Inspected installation of piping, valves, pumps, and mechanical equipment.
- Checked welding joints, pipe alignment, and supports before and after installation.
- Assisted in hydrostatic and pneumatic testing of piping systems.
- Prepared daily inspection reports and maintained quality records.
- Reported any defects or non-conformities and ensured corrective actions were completed.
- Coordinated with site engineers, consultants, and contractors for inspection approvals.
- Ensured all work complied with safety and quality procedures.
- Monitored workmanship to maintain high quality standards throughout construction.
- Assisted in final inspection and handover documentation for completed works

Mechanical Engineer Intern

- Assisted in monitoring mechanical equipment and machinery performance.
- Supported the maintenance team in routine inspections and preventive maintenance.
- Checked piping systems, pumps, and rotating equipment for proper operation.
- Helped prepare reports on equipment conditions and maintenance activities.
- Learned to follow safety and quality procedures in an industrial environment.
- Coordinated with engineers and technicians to understand mechanical processes.

PARCO (Pak-Arab Refinery Limited), Pakistan

Mechanical engineering Intern

Sep 2021 – Dec 2021

- Assist in routine inspection of pressure vessels for leaks, corrosion, pressure fluctuations, and abnormal vibrations.
- Support hydrostatic/pneumatic testing under supervision.
- Check safety valves, nozzles, manways, and vessel insulation during inspections.
- Maintain documentation including vessel history, inspection reports, and test certificates.
- Ensure compliance with ASME, API, and plant safety standards.
- Support cleaning activities of shell & tube and plate heat exchangers (chemical or mechanical cleaning).
- Assist in monitoring temperature approach, pressure drop, and heat-transfer efficiency.
- Participate in tube inspection, leak detection, and thickness measurement.
- Help with exchanger opening/closing, gasket replacement, and tube bundle removal during shutdowns.
- Record operational issues and recommend performance improvements.
- Conduct routine monitoring of trays, packing, reboilers, and condensers.
- Assist in troubleshooting operational issues such as flooding, weeping, foaming, or poor separation.
- Participate in internal inspections during shutdowns (tray condition, fouling, alignment).
- Observe temperature/pressure profiles and report abnormalities to senior engineers.
- Support maintenance of column internals, reflux pumps, and associated piping.

Skills:

- Proficient in CAD software, including AutoCAD and Solid Works, for accurate and efficient design modeling.
- Have knowledge of performing Quality Documentation
- Strong analytical and problem-solving skills to address complex design challenges.
- Possess excellent communication and organizational skills.
- Effective communication skills for collaboration with cross-functional teams and clients.
- Detail-oriented with a focus on accuracy in design documentation and project specifications.

Expertise:

- Detail Mechanical Design
- Mechanical System Knowledge

- Technical Knowledge
- Quality Standard (SBC, NFPA, API, ASHREA, ASTM, SMACNA, ISO)
- Visual Inspection and Testing
- Testing & Commissioning for Firefighting, Plumbing, HVAC

SOFTWARE SKILLS:

- AutoCAD 
- Aconex KSA 
- MS Office 
- Solid's work 

ACADEMIC PROFILE:

Discipline: Mechanical Engineering University (UET Taxila).

Intermediate:

Discipline: Pre-Engineering Board (BANNU).

Matriculation:

Discipline: Science Board: (BANNU).

PERSONAL PROFILE:

Name:	Engr. Muhammad Ismail
Nationality:	Pakistani
Religion:	Islam
Iqama No:	2619191543
Marital Status:	Single

REFERENCES:

Available upon request.

Degree No. 027204

Registered No. UET/SC/ET-18F/ME-033



University of Engineering and Technology Taxila

In recognition of the fulfillment of prescribed requirements on
1st August 2022

Muhammad Ismail Khan

son of

Abdul Latif Khan

of

Swedish College of Engineering and Technology Wah Cantt

is admitted to the degree of

BACHELOR OF SCIENCE

IN

MECHANICAL ENGINEERING

He obtained CGPA *Three Pt Three Zero* 3.30/4.00



Fazal
Controller of Examinations

Taxila Pakistan

The 26 JAN 2023



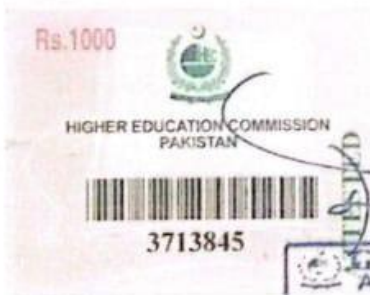
Countersigned

M. Batigh u Rehman

Chancellor

Handwritten initials or marks at the top left of the page.

Prepared by _____
Checked by _____
Issued by _____



Muham Nabi
Attestation Officer
17 OCT 2024
Higher Education Commission
Regional Centre, Peshawar
(Government of Pakistan)



Handwritten signature and text: "Attested by Officer" and "Regional Centre Peshawar".

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22 JUL 2025

AL - OWAIDAH
CONTRACTING COMPANY

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C.C.I Mem. No. 2711
Capital S.R. 20,000,000



TO WHOM IT MAY CONCERN

It is intimated that Mr. **Muhammad Ismail S/O Abdul Latif**, he worked in **Al - Owaidah Company for Contracting** as a **QC Mechanical Inspector** on the project titled "Construction of Residential Villas in Al - Qassim region (Group - 5)" From Jan 2023 to Nov 2023.

During the said span, he remained punctual and up to the mark for any task he was prone to. Furthermore, the dedication he implied in his duties is worth mentioning.

I wish him very good luck for his future endeavors.

Yours Cordially,

Muhammad Naeem
QC Mechanical Manager
Al - Owaidah Co. for Contracting
naeembhik786@gmail.com



Date: 10th of Nov, 2023

Al - Owaidah Company for Contracting
Riyadh, P.O. Box. 11486, Kingdom of Saudi Arabia



**LUCKY
CEMENT**

No. LCL/HR/INT/

Dated: August 25, 2022

Mr. Muhammad Ismail Khan
B.Sc (Mechanical Engg)
UET Taxilla

Subject:- Internship

Dear Muhammad Ismail Khan

With reference to your application, we are pleased to inform you that competent authority has approved your six weeks internship in our Mechanical department.

Company will provide you accommodation & messing facility during the internship. Your internship will commence from date of your joining. Your internship will commence from date of your joining.

We wish that your six weeks of internship with us will be benchmark for others and you will utilize all your capabilities positively for learning.

For Lucky Cement Limited,

M. Anwar Tariq
General Manager (HR&IR)

Copy to:-

1. Sr. D.G.M (A&S)
2. Sr. Manager (P&M)
3. Sr. Manager (Admin)

Lucky Cement Limited

PEZU, District Lakki Marwat, Bannu Division, K.P.K (Pakistan)

Ph: (+92-969) 580123-5 UAN: (+92-969)111-786-555, Fax:(+92-969) 580122





CERTIFICATE

OF ACHIEVEMENT

PROUDLY PRESENTED TO

Muhammad Ismail Khan

upon successful completion of 05 Days ISO Auditor/ Lead Auditor program which have met the training requirements of HIQUAL UK awarding body & has been declared competent after assessment in the following program

ISO 9001:2015 (QMS) Lead Auditor Course

PROGRAM ID : LA-QMS-517

TRAINING PERIOD : 11th Aug 2025- 15th Aug 2025

CREDENTIAL'S ID : 143215

18th August 2025

ISSUE DATE

Reece Ch.

REECE CHERRY
TRAINING DIRECTOR



This certificate is verifiable through either scanning the QR code or accessing hiqual.co.uk/verifications.

CPD
CERTIFIED
The CPD Certification Service





CERTIFICATE

OF ACHIEVEMENT

PROUDLY PRESENTED TO

Muhammad Ismail Khan

who has successfully completed the training & assessment conducted for following HiQual UK
Qualification in conformation with European Qualification Framework (EQF)

Level 3 Diploma in Quality Assurance & Quality Control (QA/QC - Mechanical)

in association with HiQual UK approved training center

HSE Academy Pvt Ltd.

Total Credits Achieved: **120** | Total GLH Achieved: **480** | Total Qualification Time: **1200**

Program ID: QACM-52

Credential's ID: 143216

Issue Date: 11-Aug-2025

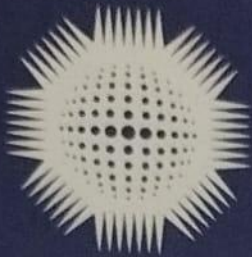
Reece Ch.

REECE CHERRY

TRAINING DIRECTOR



This certificate remains Property of HiQual UK Ltd and shall be returned upon request.



nebosh

NEBOSH International General Certificate in Occupational Health and Safety

This is to certify that

Muhammad Ismail Khan

was awarded this qualification on

25 August 2020

Les Philpott
Chair

Dee Arp
Accountable Officer

Master log certificate No: 00515261/1174663

SQA Ref: R630 04



**The National Examination Board in
Occupational Safety and Health**

Registered in England & Wales No. 2698100
A Charitable Company Charity No. 1010444



Occupational
Safety & Health
American Society

OSHAS

Cert No. : 0061752

Certificate of Completion

Muhammad Ismail Khan

Has successfully completed all academic requirements in this Occupational Safety & Health course of study presented by OSHAS authorized training provider (ATP)

30 Hours General Industry Standards

Henry D'Cooper
Chief Executive Officer



Marcus Hilton
Director Training



www.oshas.us

26-02-2024

Issue Date



REGISTERED ENGINEER

Name: ENGR MUHAMMAD ISMAIL KHAN

CNIC: 1110192332119

Reg No: MECH/053502

Expiry: DECEMBER 31, 2024

Address: NIZAM BAZAR PARIZ KHONI KHEL ABAD KHEL
SURREANI, BANNU



Signature of Holder



Registrar

أرامكو السعودية
saudi aramco



محمد اسماعيل خان خان

MUHAMMAD ISMAIL K KHAN

CONTRACTOR

مقاول

Badge No:

Expiry Date:

7210041

8/31/2026



This is a certificate awarded to

Muhammad Ismail Khan

on successfully completing

Managing Safely

a course approved and validated by the

Institution of Occupational Safety and Health

in association with

SS Institute Of Safety And Health

Approved Centre: 5032

Signed on behalf of IOSH

Vanessa Hamood-Wicks

Chief Executive

Course Organiser



Date: 24 January 2024

Cert No: 812290

Possession of this certificate does not confer exemption from accredited qualifications which lead to membership of IOSH