

Muzammil Sheikh

MECHANICAL ENGINEER

+966-501394345 ✉ muzammils101@gmail.com 🌐 Riyadh, Saudi Arabia

SUMMARY

Senior Mechanical Engineer with over 14 years of experience in MEP Engineering, Procurement, and Construction within major projects across Saudi Arabia. Skilled in design review, HVAC, plumbing, and fire protection systems, as well as material submittals and coordination with clients, consultants, and contractors. Known for ensuring quality compliance, timely work delivery, efficient procurement management and construction management.

CAREER HISTORY

National Engineering Services & Marketing Co. (NESMA & Partners Ltd.)

AL Khobar & Riyadh, Saudi Arabia

Sr. Mechanical Engineer (Engineering / Procurement / Site)

Oct 2011 – Present

Member – Saudi Council of Engineers

- **King Salman Air Base Project (KSAB), Riyadh, PMO**

Client: Dar Al-Handasah | Consultant: ECG | Duration: 24 months

- Reviewed mechanical design packages and equipment selections.
- Handled RFQs, vendor evaluations, QA reviews coordination, and client approvals.
- Coordinated subcontractor activities and ensured compliance with project scope.

- **King Faisal Air Academy (KFAA), Riyadh, PMO**

Client: Dar Al Riyadh | Consultant: ACEC | Duration: 36 months

Reviewed IFC and shop drawings; issued RFIs for design changes.

- Finalized equipment schedules and material submittals as per design specs.

- **Uthmaniyah Gas Oil Separation Plant (UGOSP), Saudi Aramco. Al khobar, Head office.**
 Client: Saudi Aramco, Consultant: Wood Al-Hejailan | Duration: 10 months

 - Coordinated with discipline engineers for TEQ/RFI clarification.
 - Maintained reviewed engineering and procurement data files (MR/TBE/NMR).

- **Fadhili Bachelor Camp Project, Saudi Aramco. Al khobar, Head office.**
 Client: Saudi Aramco, Consultant: Khatib & Alami | Duration: 11 months

 - Reviewed HVAC design layouts, specifications, and BOD compliance.
 - Processed mechanical submittals in line with Aramco standards.

- **SANG Specialized Hospital Project, Al Qassim**
 Client: Saudi Arabian National Guard Health Affairs (SANG) | Consultant: Dar Al-Handasah
 | Duration: 20 months

 - Reviewed shop drawings and mechanical submittals per project standards.
 - Prepared PRs for HVAC, plumbing, drainage and fire protection systems.
 - Coordinated procurement, QA/QC inspections, and as-built documentation.

- **KAUST New Housing Project, Thuwal – Jeddah**
 Client: King Abdullah University of Science & Technology (KAUST) | Duration: 5 months

 - Managed MEP design reviews, PR preparation, and QA/QC coordination.
 - Supervised material selection and testing as per ITP standards.

- **SADARA Packaging Center Project, Jubail**
 Client: Saudi Aramco | Consultant: Foster Wheeler | Duration: 36 months

 - Oversaw mechanical procurement, fabrication, and hydro testing.
 - Prepared subsystem dossiers and ensured mechanical completion work and documentation.

- **Nylon 6.6 PPC Project, Jubail**
 Client: Nylon 6.6 PPC | Consultant: Jacobs ZATE | Duration: 4 months

 - Reviewed P&IDs and prepared pressure test packages for client approval.

- **Coker Project, Jubail**
 Client: Saudi Aramco | Consultant: Samsung Engineering | Duration: 24 months

 - Supervised piping erection, fabrication, and hydro-test reinstatement.
 - Monitored subcontractor progress and ensured quality compliance as per scope of work.

SOFTWARE SKILLS

- AutoCAD
- BIM Fundamentals
- MS Office
- Adobe
- Primavera P6
- Microsoft Project

CORE COMPETENCIES

- Design IFC and shop drawing Review & Coordination with contractors,
- Procurement & Material Submittals preparation as per RFQ,
- HVAC, Plumbing & Firefighting Systems.
- Project Execution & Site Supervision.
- Test package and sub system Coordination.
- Vendor & Client Coordination.
- BIM & Project Documentation.
- Construction and procurement Scheduling.

EDUCATION

- **Bachelor of Engineering (B.E): Mechanical Engineering**
NMAMIT, Nitte, Mangalore India.
- **Pre-University Course Board Karnataka (PUC)**
- **Karnataka Board of Secondary Education (SSLC)**

CERTIFICATIONS

- Construction Project Management – Columbia University (Online)
- Project Management Essentials – Harvard University (Online)
- Human Resource Management Essentials – Johns Hopkins University (Online)
- BIM Fundamentals for Engineers – Edu Tech

PERSONAL DETAILS

- Marital Status: Married
- Nationality: Indian
- Date of Birth: 28/09/1989
- Iqama: 2315003943 (Transferable)
- Languages: English, Hindi, Kannada, Urdu.

DUTIES AND RESPONSIBILITIES

➤ Sr. Mechanical engineer (MEP-Engineering/Site/Procurement)

- Reviewed mechanical design packages, IFC and shop drawings, ensuring compliance with project specifications and Aramco standards.
- Managed HVAC, plumbing, and firefighting systems — from design review to installation, testing, and commissioning.
- Prepared and evaluated RFQs, PRs, MR/TBE/NMR, and vendor documents for procurement activities.
- Coordinated material submittals and approvals with clients, consultants, and suppliers to ensure timely procurement.
- Supervised site execution, including piping fabrication, erection, hydro-testing, and mechanical completion.
- Coordination with QA/QC inspections and verified works according to ITP and SATIP standards.
- Handled design modifications and technical queries (RFI, TEQ, MIR) with consultants and project teams.
- Led coordination between civil, electrical, and mechanical disciplines to ensure smooth MEP integration.
- Managed subcontractor activities, monitored progress, and ensured work quality and safety compliance.
- I participated in progress and coordination meetings to resolve performance, schedule, and scope issues.
- Prepared technical reports, project documentation, and final handover dossiers for client submission.
- Ensured all mechanical systems complied with Basis of Design (BOD), project scope, and client requirements.
- Contributed to major Saudi projects including King Salman Air Base, King Faisal Air Academy, SANG Hospital, KAUST Housing, and multiple Saudi Aramco projects.

DECLARATION:

To secure an opportunity where my experience and ability can produce outstanding reward for both the organization and for myself. I have self-confidence in my duty, and I can assure you that I have given an opportunity to prove my abilities and always will assist in the growth of the organization.

Anticipating you find me eligible to offer my service to your esteemed organization.

MUZAMMIL SHEIKH

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA



Certifies that

SHEIKH MUZAMMIL

ಬ್ಯಾಚಲರ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪೂರೈಸಿ ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

has been duly admitted to the Degree of

Bachelor of Engineering

in recognition of the fulfilment of requirements

for the said degree through



ವಿದ್ಯಾಲಯದ ಹೆಸರು

Name of the College

: *Nitte Mahalinga Adyanthaya Memorial Institute of
Technology, Nitte (Autonomous College)*

ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ

University Seat Number

: **4NM07ME101**

ವಿಷಯ / Subject

: *Mechanical Engineering*

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Class

: *First Class with Distinction*

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Given under the seal of the University

ಬೆಳಗಾವಿ

Belgaum

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Date : April 08, 2012

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VICE CHANCELLOR



COURSE
CERTIFICATE

Jun 13, 2025

Sheikh Muzammil

has successfully completed

Construction Project Management

an online non-credit course authorized by Columbia University and offered through Coursera



Ibrahim Odeh
Department of Civil Engineering and Engineering Mechanics
Columbia University

Verify at:
<https://coursera.org/verify/4EOYX51W8N6S>
Coursera has confirmed the identity of this individual and their participation in the course.



COURSE
CERTIFICATE

May 20, 2025

Sheikh Muzammil

has successfully completed

Fundamentals of Marketing Strategy

an online non-credit course authorized by University of London and offered through Coursera



Dr. Dominic Appiah, School of Business and Management

Verify at:
<https://coursera.org/verify/NIRM30WIF6LV>
Coursera has confirmed the identity of this individual and their participation in the course.



May 24, 2025

Sheikh Muzammil

has successfully completed

Human Resources Management Essentials

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Michelle J. Campbell *Maura McGuire M.D.*

Michelle J. Campbell, MBA
Senior Director
Office of Johns Hopkins Physicians Strategic Learning Center

Maura McGuire, MD, CFC, FACP
Executive Director OHP Strategic Learning Center
Executive Director Education and Training JHCP
Associate Professor of Medicine
Assistant Dean for Part-Time Faculty

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/WWX44XEE2QSR>
Coursera has confirmed the identity of this individual and their participation in the course.



May 19, 2025

Sheikh Muzammil

has successfully completed

Project Management Essentials

an online non-credit course authorized by Howard University and offered through Coursera

Morris Thomas, PhD., PMP

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/OCNSD4XOGLDY>
Coursera has confirmed the identity of this individual and their participation in the course.