

ELHASSAN ABDELRAHMAN AHMED GEBREEL

OBJECTIVE Dedicated and detail-oriented Senior Mechanical Engineer with proven experience in leading the execution and coordination of HVAC, firefighting, plumbing, and power systems across complex projects. Strong background in reviewing shop drawings, managing subcontractors, monitoring site activities, and ensuring compliance with project specifications, local regulations, and international codes. Highly skilled in preparing and presenting progress reports, resolving technical and construction challenges, and driving quality, schedule, and performance outcomes through effective collaboration with multidisciplinary teams, suppliers, and project stakeholders

PERSONAL DATE OF BIRTH: 9/91993

DETAILS MARTIAL: SINGLE

RELIGION: MUSLIM

NATIONALITY: SUDANESE

EDUCATION SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY – 2017
BACHELOR OF MECHANICAL ENGINEERING

**LICENSES&
PROFESSIONAL
ACCREDITATION**

- **Certified PMP- PMI**
- **Saudi Council of Engineers (SCE).**

SKILLS

- **Technical Skills: Revit MEP | AutoCAD | Carrier HAP | Elite HVAC | Duct Sizer | Pipe Sizer | Microsoft Office Suite**
- **Core Competencies / Soft Skills: Project Management | Planning & Organizing | Problem Solving | Critical Thinking | Teamwork | Communication | Multitasking**

WORK HISTORY Senior Mechanical Engineer, SAWAED FOR ENGINEERING CONSULTANCY
- Riyadh-KSA (7/2025-till now)

- **Led and oversaw** the execution of mechanical systems (HVAC, Firefighting, Plumbing, Power, and Control), ensuring full compliance with approved drawings, specifications, and project objectives.
 - **Reviewed, approved, and optimized** shop drawings and technical submissions in coordination with the Technical Office to ensure constructability, value engineering, and design compliance.
 - **Directed and controlled** site activities by managing engineers, supervisors, foremen, and subcontractors to achieve schedule milestones, quality targets, and cost efficiency.
 - **Prepared, analyzed, and presented** weekly and monthly progress reports to senior management while **driving resolution of complex technical issues** and site challenges.
 - **Enforced quality, safety, and compliance standards** through subcontractor evaluation, supplier coordination, inspections, authority requirements, and technical clarifications
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Senior Mechanical Engineer, AKNAN ALBENA ENGINEERING &FIRE PROTECTION CONSULTANTS- Riyadh-KSA (7/2024-7/2025)

- Supervised and executed **mechanical installations including HVAC, Firefighting, Plumbing, Power, and Control systems in accordance with approved drawings.**
- Reviewed and coordinated **shop drawings with the Technical Office team to ensure constructability and design compliance.**
- Monitored and followed up **site activities with contract engineers, supervisors, foremen, and subcontractors to maintain schedule and quality.**
- Prepared and submitted **weekly and monthly progress reports and resolved technical issues in coordination with project stakeholders.**
- Ensured compliance **with project quality standards, including subcontractor identification, supplier coordination, and technical clarifications.**

Utility engineer, MJALAT CONTRACTING COMPANY RIYADH, KSA 5/2024-/8/2024

- Managed and delivered **utility engineering projects from design through construction, ensuring scope, quality, and schedule compliance.**
- Developed, reviewed, and maintained **utility system documentation, including engineering drawings and technical specifications.**
- Collaborated and coordinated **with multidisciplinary engineering teams to identify, analyze, and resolve complex design and operational issues efficiently**

Design & site engineer, TEST FOR CONTRACTING &ELECTROMECHANICAL CO.LTD 9/2018- 2/2023

- **Prepared and submitted** WIRs, IRs, and IIRs for consultant review, approvals, and technical clarifications.
- **Developed, reviewed, and updated** mechanical shop drawings and as-built drawings using AutoCAD in accordance with site conditions.
- **Reviewed and analyzed** mechanical drawings, material submittals, and project schedules to ensure compliance with project specifications.
- **Coordinated and aligned** MEP and civil works by liaising with consultants, contractors, subcontractors, clients, and suppliers through regular coordination meetings.
- **Monitored, supervised, and enforced** site MEP activities to ensure adherence to approved drawings, specifications, and local and international codes

Site engineer, MURTADA MAAZ CONSULTANCY CO. LTD, Khartoum, Sudan. 10/2017- 8/2018

- Reviewed and analyzed **MEP drawings, material submittals, and project schedules to ensure technical accuracy and compliance with project requirements.**
- Coordinated and participated **in weekly and monthly meetings with consultants, main contractors, and subcontractors to resolve technical and site issues.**
- Prepared and submitted **weekly and monthly progress reports to the Project Manager and Construction Manager.**
- Inspected and monitored **MEP materials and site works alongside consultants to ensure compliance with specifications and local and international codes.**
- Coordinated authority inspections, testing, and commissioning activities **for all MEP systems, including subcontractor and supplier coordination.**

PROJECTS SAWAED FOR ENGINEERING CONSULTANCY

- Reviewed design and supervised installation of VRV HVAC, Fire Fighting, Plumbing, and Irrigation systems for a 14-floor office tower with G+5 basements at Ajlan Riviera, in compliance with SBC and GCC standards.

AKNAN ALBENA ENGINEERING & FIRE PROTECTION CONSULTANTS

- La Cordia Hotel (Owner: Samama Real Estate Company): Designed mechanical systems (HVAC & plumbing) for hospitality applications, ensuring compliance with Saudi Building Code (SBC) and hotel operational requirements

MJALAT CONTRACTING COMPANY

- King Salman Park Project: Managed and executed mechanical infrastructure works, including storm water, sewage networks, potable and non-potable water systems, in coordination with multidisciplinary teams.

MOSALAMY ARCHITECTURAL CONSULTANTS

- Mohammed Abdelmageed Building: Designed HVAC, water supply, and drainage systems; prepared detailed Bills of Quantities (BOQ).
- Residential Apartments: Delivered complete HVAC & plumbing designs and BOQ in compliance with GCC design practices.
- Residential Villas: Designed HVAC, water supply, and drainage systems; produced coordinated drawings and BOQ

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- Universal Hospital Sudan (UHS): Designed VRF HVAC systems for laboratories and diagnostic areas; performed equipment selection using Daikin Express software, ensuring compliance with healthcare requirements.
- Mohammed Shreef Conference Hall: Designed HVAC systems using packaged units for conference facilities; completed system sizing and layout coordination.
- Building F – National Intelligence Service: Reviewed drawings, specifications, and BOQ; prepared complete technical submittals for the bidding phase.
- Pharmaceutical Factory: Reviewed project documents and prepared client submittals; supplied and installed Close Control Unit (CCU) for server room applications.
- Alnkheel Meat Factory: Produced shop drawings for drainage systems and supervised installation works to ensure compliance with approved drawings.
- Alguneed Slaughterhouse: Reviewed drawings, specifications, and BOQ; prepared technical submittals and supported tendering activities.
- Officer Club Hotel: Designed and supplied solar water heating systems and garbage chute systems; coordinated with architectural and structural disciplines.

MURTADA MAAZ CONSULTANCY CO. LTD

- Liver Transplantation & Teaching Hospitals (HVAC & Plumbing, Firefighting systems)
- Isolation Centers (Plumbing Systems & BOQ)
- Government Headquarters (Chilled Water HVAC – Offices & Conference Halls)
- Cold Store Facility (Chilled Water HVAC)

REFERENCES ENG. URWA AHMED BABIKER

SULAIMAN AL HABIB GROUP - SR. MECHANICAL ENGINEER

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