

HASAN AL-HADDAD

Senior Mechanical Engineer | Implementing Project Engineer

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CAREER SUMMARY

Accomplished Senior Mechanical Engineer and Implementing Project Engineer with 11+ years of expertise in mechanical systems design, project management, and execution. Proven track record in delivering complex engineering projects across residential, commercial, and industrial sectors including major infrastructure projects like Haramain High Speed Rail and King Abdullah Sports City. Expertise in government tenders, procurement, HVAC systems, fire safety, and facility management.

KEY SKILLS

Project Management | Mechanical System Design | HVAC Design | Fire Protection | Government Tenders & Procurement | Contract Management | BOQ Analysis | Team Leadership | AutoCAD | Risk Management | Budget Control | Vendor Coordination | Maintenance Planning | Health & Safety Compliance

PROFESSIONAL EXPERIENCE

45 Holding Company, Riyadh | *Mechanical Engineer* | Jan 2025 – Present

- Oversee installation and commissioning of mechanical systems across residential, commercial, and industrial projects
- Coordinate with contractors, architects, and stakeholders ensuring design specification compliance
- Monitor project timelines, budgets, and resource allocation for optimal efficiency
- Conduct on-site inspections enforcing safety standards and regulatory compliance
- Prepare technical documentation including blueprints, AutoCAD drawings, and project reports

Ajwan Construction Company, Jordan | *Mechanical Project Engineer* | Jul 2017 – Dec 2024

- Managed comprehensive hospital projects including timelines, budgets, and technical specifications
- **Government Tenders & Procurement:** Participated in tender preparation, BOQ review, technical specifications, and document compliance with official requirements
- **Vendor Management:** Coordinated with suppliers for accurate quotations, conducted technical/financial proposal analysis ensuring optimal value
- **Contract Management:** Monitored supply/delivery per contracts, ensuring timeline and specification compliance
- **Mechanical Maintenance:** Complete oversight of hospital HVAC, water/drainage networks, and fire protection systems
- **Team Leadership:** Managed maintenance teams, planned preventive/corrective maintenance ensuring operational continuity
- Successfully delivered multiple internal infrastructure projects on time and within budget

Al-Qiyadiya Company (Maani Metalform) | *Mechanical Site Engineer* | Jun 2014 – May 2016

- **Major Projects:** Implementation Engineer for Haramain High Speed Rail Project (Mecca & Jeddah) and King Abdullah Sports City (Jeddah)
- Analyzed designs and layout for sheet metal fabrication projects
- Coordinated mechanical system design, testing, and validation with contractors
- Conducted value engineering studies optimizing project costs and efficiency
- Developed executive drawings and system improvement recommendations
- Supervised manufacturing and design departments ensuring industry standards compliance

EDUCATION & CERTIFICATIONS

B.Sc. Mechanical Engineering | Al-Balqa Applied University, Jordan | 2013

Professional Training:

- Modern Workshop Management | HVAC Systems | Fire-Fighting Systems | VRV Systems
 - Automatic Transmission Diagnosis & Repair | Car Service (Nissan Certified)
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MEMBERSHIPS & LANGUAGES

Memberships: Jordanian Engineers Association - Mechanical Engineering Division

Languages: Arabic (Native) | English (Fluent)