

SAAD ALRASHEED | MSc, Project Manager, Structural Engineer

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BIOGRAPHY

Project manager, Structural engineer and certified building quality Inspection with over 11 years of experience in leading teams through all phases of product development, from conceptualization to launch. Skilled in managing budgets, schedules, and resources to ensure projects are completed on time. An ambitious and enthusiastic, aim to help achieve company goals and take on more responsibility.

PROJECTS

Project Manager – Water Tank, Ductile Pipes, and Water Hammer Systems Construction

Project Budget: 3,403,546 SAR

Led the comprehensive construction project for a water tank, including the installation of ductile iron pipes and water hammer protection systems and directed all phases of the project, from initial design, and planning through execution and final inspection. Also, Collaborated with engineers, contractors, and vendors to ensure the proper selection and installation of ductile pipes, ensuring durability and compliance with industry standards. In addition, oversaw the implementation of water hammer protection systems, focusing on preventing pipeline damage and ensuring the longevity of the water distribution network. As well managed budget allocation and financial oversight, ensuring that the project completed within the budget while maintaining high-quality standards. Moreover ensured adherence to safety protocols and regulatory requirements, minimizing risks and ensuring a safe working environment.

Project Engineer – Public Administration Building Extension and Military Secrecy Building

Project Budget: 56,188,592 SAR

Construction project for the extension of the public administration building, consist of a two-floor building, essential systems such as a chilled water system, fire alarm system, automatic sprinkler system, FM200 fire suppression system, and CO2 fire suppression system. External curtain wall with an area 1755m² and Internal marble walls 20mm thickness have been Installed by mechanical system. Also, managed the development of a 12,000-m² landscape area including asphalt works, planning routes and car parking shades Installations accommodating 130 cars and Irrigation system. In addition, directed comprehensive electrical works, Including the Installation of an earthing system, control room, server room, sound system, backup electrical generator. Moreover, elevators works three in total and one of them is a panoramic elevator for well area 2450*2300mm and has capacity 750 kg. Furthermore, managed the construction of a military secrecy building with an area of 5,000 m², which featured 15 bathrooms, a 500 m² hall, sleeping quarters for soldiers, a dining hall, and offices for supervisors, all finished with an industrial stone facade. As well, led the development of entrance gates, involving asphalt scraping, increasing car lines, re-asphalting,

Planning routes, and adding a new extra gate for employee exits including steel speed bump, way finding, convex outdoor mirror, vehicle barrier gate and road blocker. In addition a night shift building with an area 64 m².

Project Engineer- Industrial Construction Project, Training Building and Service Building. (SAMI AEROSPACE- ALKHARJ)

Project Budget: 118,000,000 SAR

A steel structure Industrial building consist of concrete building for administration and supervisors, finished with a marble facade by mechanical system installation. Linked with a steel structure frame, which is covered with a sandwich panels with essential systems such as a chilled water system, fire alarm system, automatic sprinkler system, FM200 fire suppression system, CO2 fire suppression system and Anti-static floor system. Including epoxy layers on floors, High bay for lighting. As well, comprehensive electrical works, Including the Installation of an earthing system, control room, server room, sound system, backup electrical generator. Also, a septic tank been constructed to ensure that all wastewaters and chemicals are hold. Moreover, asphalt works, road marking and car parking shades Installations. In addition, it been used a precast concrete system for project fencing.

Project Engineer - Construction Project of Industrial Construction Project, Four Industrial Building and Exhibition. (TATRA VEHICLE MANUFACYURE)

Project Budget: 40,000,000 SAR

A construction project consist of four steel structural building consist of concrete building for administration and supervisors, finished with a marble facade by mechanical system installation. Linked with a steel structure frame for factories, which is covered with sandwich panels with essential systems such as a chilled water system, fire alarm system, automatic sprinkler system, FM200 fire suppression system, CO2 fire suppression system. Including epoxy layers on floors, High bay for lighting. As well, comprehensive electrical works, Including the Installation of an earthing system, control room, server room, sound system, backup electrical generator. Moreover, asphalt works, road marking and car parking shades Installations.

Project Engineer - Fencing Several Locations Project of (MIC)

Project Budget: 13,000,000 SAR

A project of fencing several location for military industrial coroporation in Riyadh and Al-kharj cities. It is been used a precast concrete system for fencing.

Site Engineer - Construction project of housing units for employees of the public pension agency.

Project Budget: 2,000,000,000 SAR

A construction project of the public pension agency for their employees in Riyadh, which is consist of residential area about muilty-story buildings and villas, mall, gym and mosques by Azmeel Contraction Company.

CAREER DETAILS

Construction Project Manager (2019 - up to present)

Military Industrial Corporation (MIC)

Riyadh, KSA

Project Engineer (2013 – 2019)

Military Industrial Corporation (MIC)

Riyadh, KSA

Site Engineer (Apr 2013 - Jul 2013)

AZMEEL Contracting Company

Riyadh, KSA

Summer Internship (Jun 2011 - Aug 2011)

Military Industrial Corporation (MIC)

Riyadh, KSA

Internship Trainee (Feb 2010- Apr 2010)

King Salman University, Riyadh, KSA

CERTIFICATION & ADDITIONAL TRAINING

Member of the Saudi Council of engineering

Classified as Professional

Membership No: 316213

Certified Building Quality Inspection

Mostadam, Saudi Real Estate Institute, 65 hours.

Certificate No: 251637

Programming of engineering projects and cost estimation.

Institute of public administration, 3days Riyadh, KSA

Cost Estimation of Engineering Projects.

Institute of public administration, 3days Riyadh,

KSA

Project Management Professional (PMP).

King Saud University, 35 hours. Riyadh,

KSA

Simplifying and Improving Skills of Work Procedure.

Riyadh College of Technology, 40 hours

Riyadh, KSA

Safety Building Requirements

Engineering Training Center, 10 days

AL Khobar, KSA

Safety and Security of Buildings (IOSH).

Posha Academy, 20hr

Riyadh, KSA

AutoCAD Software.

Alzarqa Academic Institution, 24days

Riyadh, KSA

Structural Design Using AutoCAD, SAFE and ETABS

Engineering Science Institute for Training (ESI), 35hr Riyadh

KSA.

Microsoft Project Software

Innovation Training Centre, 5days

Riyadh KSA

English Courses

Cardiff University, UK

IELTS: 6

SKILLS

- Quality assurance controls
- Equipment knowledge
- Field operations
- Team management
- Budget coordination
- Design evaluations

EDUCATION

Master of Science in Structural Engineering (2023)

School of Engineering

Cardiff University

Cardiff, Wales

United Kingdom

Bachelor of Civil Engineering (2013)

College of Engineering

Prince Sattam Bin Abdulaziz University

Al-Kharj Saudi Arabia