



Corporate Profile 2026



**VERTEX**  
ENGINEERING CONSULTANCY



2015



Engineering expertise begins

2018



Fire & life safety  
capabilities expand

2021



Integrated design and  
supervision services

2024



Authority approvals and  
project delivery

2026



VERTEX Engineering  
Consultancy launched

# The Journey of Vertex

Vertex Engineering Consultancy is a multidisciplinary practice delivering integrated engineering solutions across Saudi Arabia. We combine technical expertise, practical insight, and a clear understanding of local regulations to create safe, efficient, and buildable outcomes.

Our services cover fire and life safety, architectural and structural design, interior design, MEP coordination, authority approvals, project management, construction supervision, and testing and commissioning. Every assignment is developed in accordance with the Saudi Building Code and relevant international standards.

From early studies and design development to approvals and site delivery, our team works closely with clients, contractors, and authorities. We are committed to responsive coordination, technical integrity, and lasting value across residential, commercial, hospitality, healthcare, industrial, and infrastructure projects.

# INTRODUCTION





## VISION

To be a trusted engineering consultancy in Saudi Arabia, recognized for creating safer, smarter, and more sustainable built environments through technical excellence, innovation, and uncompromising compliance.

## MISSION

To deliver integrated, practical, and code-compliant engineering solutions that guide projects from concept to completion, while building lasting partnerships through quality, transparency, responsive coordination, and dependable project delivery.



# OUR PHILOSOPHY

At Vertex, engineering begins with responsibility. We combine technical rigor, code compliance, innovation, and practical thinking to create solutions that protect people, support efficient delivery, and add lasting value. Our philosophy is built on integrity, collaboration, transparency, and continuous improvement—guiding every project from concept through approval, construction, and completion.



### TECHNICAL EXCELLENCE

We apply disciplined engineering judgment and rigorous quality control to every deliverable.



### SAFETY FIRST

We place life safety, code compliance, and risk reduction at the heart of every decision.



### INTEGRITY

We act with honesty, accountability, and transparency in every client and authority relationship.



### CLIENT PARTNERSHIP

We listen, coordinate, and collaborate to create practical solutions aligned with each project's goals.



### INNOVATION

We embrace smart technologies and creative thinking to improve performance, efficiency, and sustainability.



### COMMITMENT TO DELIVERY

We meet our promises through responsive communication, reliable planning, and consistent follow-through.

# VALUES





## Engineering a Safer, Smarter, and More Sustainable Future.

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At Vertex Engineering Consultancy, we believe responsible engineering shapes safer and more resilient communities. By combining technical excellence, code compliance, innovation, and close collaboration, we transform complex requirements into practical solutions. From early design and authority approvals to supervision and final delivery, we remain committed to creating lasting value for our clients, our partners, and the communities we serve.

**Eng. Wesam Ali Zytoon**

Chairman of the Board of Directors

# CHAIRMAN'S MESSAGE



# CORPORATE GOVERNANCE & COMPLIANCE

Vertex Engineering Consultancy is strictly committed to upholding the highest global and national standards of engineering governance, quality assurance, and regulatory compliance. Our technical frameworks fully integrate the Saudi Building Code (SBC) and National Fire Protection Association (NFPA) standards, ensuring that every design, safety system, and structural solution exceeds technical and life-safety benchmarks.

We maintain rigorous compliance with all municipal and industrial authority regulations, including the specific requirements of the Municipality of Riyadh (Amanat Al-Riyadh), MODON (Saudi Authority for Industrial Cities and Technology Zones), and all relevant governing bodies. Through continuous oversight, transparency, and technical precision, Vertex delivers engineering solutions that foster trust, sustainability, and complete alignment with the Kingdom's regulatory landscape.



**W. ZYTOON**

Project Manager

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11+ years of project management experience with strong expertise in government coordination and PMP-certified project leadership.



**Lena Hussam**

Architectural Department

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7+ years of expertise in architecture and interior design, delivering innovative, high-end, and functional design solutions with exceptional precision.



**Firas Mohammad**

Business Development Dep

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4+ years of expertise in business development, driving strategic growth and building strong client and partnership relationships.



**Abed Al-wahab**

Fire Protection Department

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8+ years of expertise in Fire Protection Systems with extensive experience in NFPA and SBC code-compliant design and supervision.



**Laith Hassan**

MEP Department

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13+ years of expertise in MEP systems, delivering advanced design, coordination, supervision, and execution to the highest engineering standards.

# Leadership Team

“Building strong alliances with government regulatory bodies and key industry leaders forms the foundation of our engineering excellence and compliance standard.”

## OUR CLIENTS & MEMBERS

### MEMBERSHIPS & AUTHORITIES

REGULATORY & PROFESSIONAL MEMBERSHIPS



### OUR CLIENTS & PARTNERS

VALUED CLIENTS & STRATEGIC PARTNERS





Integrated expertise from concept and compliance through approvals, supervision and delivery.

#### Fire & Life Safety Consultancy

Code-compliant fire protection strategies, FLS reports, and system design (NFPA & Saudi Building Code standards).

#### Architectural & Engineering Design

Integrated design solutions developed for functionality, safety, structural integrity, and performance.

#### Interior Design & Fit-Out

Creative, practical spaces balancing luxury aesthetics, comfort, space utilization, and efficiency.

#### Building Permits & Authority Approvals

Drawings, technical documentation, and coordination for municipal permits and regulatory approvals (Amanat Al-Riyadh, MODON).

#### Civil Defense Approvals

End-to-end technical submissions, safety inspections, and authority coordination for life-safety certification.

#### Construction Supervision

Professional site oversight, quality control, and engineering compliance to support safety and timely delivery.

## OUR SERVICES



Vertex provides integrated engineering consultancy services across residential, commercial, hospitality, healthcare, industrial, logistics, public, and infrastructure projects. Our multidisciplinary approach connects design, fire and life safety, authority approvals, project management, supervision, and commissioning to deliver safe, compliant, and practical outcomes.

## RESIDENTIAL

Fire and life safety, architectural coordination, permits, and supervision for villas, compounds, and residential towers.

## COMMERCIAL & MIXED-USE

Integrated design reviews, FLS strategies, MEP coordination, authority approvals, and site supervision for offices, retail, and mixed-use developments.

## HOSPITALITY & HEALTHCARE

Code-compliant life safety, evacuation, smoke control, MEP review, and commissioning for hotels, resorts, hospitals, and clinics.

## INDUSTRIAL & LOGISTICS

Risk-based fire protection, Civil Defense approvals, warehouse and factory systems, and construction supervision for industrial and logistics facilities.

## PUBLIC & INFRASTRUCTURE

Multidisciplinary consultancy, authority coordination, project management, and compliance support for government, education, transport, and infrastructure projects.

# SECTORS



FROM CONCEPT TO APPROVAL

## OUR CORE EXPERTISE

### DESIGN & APPROVALS

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Vertex provides coordinated design and approval services that translate project requirements into practical, code-compliant and authority-ready solutions.

#### Architectural Design

Concept, schematic and detailed design tailored to function, context and user needs.

#### MEP Design & Coordination

Integrated mechanical, electrical and plumbing design with multidisciplinary coordination.

#### Building Permits

Preparation and coordination of drawings and documents required for building permit submissions.

#### Structural Design

Safe and efficient structural solutions coordinated with architectural and MEP requirements.

#### Interior Design & Fit-Out

Functional, refined interiors developed through space planning, material selection and technical detailing.

#### Authority Approvals

Technical submissions, comments resolution and coordination with relevant authorities.



# OUR CORE EXPERTISE

## FIRE & LIFE SAFETY

Vertex provides integrated fire and life safety consultancy services designed to support safe, compliant and resilient built environments across a wide range of occupancies.

### FLS Strategy & Reports

Building classification, occupancy analysis, means of egress and fire protection requirements.

### Fire Alarm & Life Safety Systems

Fire alarm, voice evacuation, emergency lighting and system interface review.

### Code Review & Authority Coordination

Design review against SBC and applicable NFPA standards, technical submissions and Civil Defense coordination.

### Fire Protection Design

Sprinkler, standpipe, fire pump and water storage design, calculations and coordination.

### Smoke Control & Evacuation

Smoke management concepts, evacuation strategy and performance-based assessments when required.

### Testing, Commissioning & Supervision

Site supervision, inspections, testing, commissioning and closeout support.



QUALITY ON SITE

## OUR CORE EXPERTISE

### CONSTRUCTION SUPERVISION

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Vertex provides professional construction supervision services to help ensure that work is executed in accordance with approved drawings, specifications, codes and project quality requirements.

#### Site Supervision

Monitoring site activities, workmanship and progress against approved plans.

#### Material & Submittal Review

Verifying materials and technical submittals before use on site.

#### Testing & Commissioning

Witnessing functional tests, system integration and commissioning activities.

#### Technical Inspections

Reviewing installations through structured inspection requests and site checks.

#### Quality & Compliance

Tracking observations, non-conformities and corrective actions.

#### Progress & Reporting

Providing clear records, progress updates and closeout documentation.



FROM VISION TO REALITY

# OUR CORE EXPERTISE

## INTERIOR DESIGN & FIT-OUT

At VERTEX, we deliver exceptional Interior Design & Fit-Out solutions that combine creativity, functionality, and luxury through innovative concepts tailored to each project's identity. Our expertise spans authentic Saudi styles such as Najdi and Salmani architecture, in addition to international styles including Modern, Contemporary, Classic, and Luxury designs. With a team of highly skilled architects and interior designers, we provide fast-track project delivery, premium-quality finishes, and fully integrated design solutions that transform spaces into refined and inspiring environments.

At VERTEX, we transform spaces into distinctive experiences through creative interior design solutions that blend Saudi identity with modern global trends, delivering elegant, functional, and high-quality environments tailored to each client's vision.

### Requirement Analysis

Comprehensive initial consultation focusing on space planning, functional needs, client meetings, and establishing the overall design vision.

### Design Development

Translating concepts into reality through 3D visualization, detailed schematic design, and curated material selection.

### Execution Supervision

Complete site coordination, quality control, and rigorous technical review to ensure compliance with design standards.

### Final Handover

Thorough final inspection, seamless project delivery, and final client approval for operational readiness.



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Through our nationwide presence and strategic project execution across Saudi Arabia, Vertex brings high-level engineering consultancy, code compliance, and innovative fire & life safety solutions to key developmental regions. Our selected projects strictly align with the Kingdom's sustainable urban evolution, enhancing safety and structural resilience from major metropolitan capitals to industrial hubs.

## SELECTED PROJECTS

FEATURED PROJECT

# Al Rossais tower 33

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Location

KSA, Riyadh, Al Murabba District



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Client / Owner

Abdulmohsin Al Rossais & Sons Group

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Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports, site inspection  
& handover, Civil Defense approvals.

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Project Total

634,000.00 SR



FEATURED PROJECT

# OSUS / GREEN TOWER

Location

KSA, Riyadh, King Salman Street



Client / Owner

OSUS Real Estate CO

Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports, site inspection  
& handover, Civil Defense approvals.

Project Total

324,000.00 SR



FEATURED PROJECT

# OSUS / AL-MAJED TOWER

Location

KSA, Riyadh, King Salman Street



Client / Owner

OSUS Real Estate CO

Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports, site inspection  
& handover, Civil Defense approvals.

Project Total

212,350.00 SR



FEATURED PROJECT

# MURCIA PROJECT / OSUS - NHC

Location

KSA, Riyadh, Anas Bin Malik



Client / Owner

Murcia Project / OSUS - NHC

Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports, site inspection  
& handover, Civil Defense approvals.

Project Total

388,000.00 SR

## FEATURED PROJECT

# Warehouses and showrooms Abdulaziz Alajlan Sons 50 blok

## Location

KSA, Riyadh, Taiba and Al-Aziziyah Districts



## Client / Owner

Abdulaziz Alajlan Sons for Trading &  
Real Estate Investments Co.

## Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports, site  
inspection & handover, Civil Defense approvals.

## Project Total

681,000.00 SR



FEATURED PROJECT

# MAZAYA INTERNATIONAL CO / 500 Commercial Exhibition

Location

KSA, Dammam



Client / Owner

Mazaya International Real Estate

Scope of Work

Full Scope including Architecture, Interior Design,  
Fire & Life Safety, MEP, Supervision, Permits,  
and Final Authority Handover.

Project Total

455,000.00 SR



FEATURED PROJECT

# ALAT - PIF

Location

KSA, Riyadh, Anas Bin Malik



Client / Owner

ALAT - PIF

Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports,  
site inspection & handover,  
Civil Defense approvals.

Project Total

146,650.00 SR



FEATURED PROJECT

# Federation of Saudi Chambers Tower

Location

KSA, Riyadh



Client / Owner

Federation of Saudi Chambers

Scope of Work

Interior Design & Space Reconfiguration including  
Fire Safety Approvals, Engineering Solutions,  
Supervision, and Civil Defense Handover.

Project Total

325,000.00 SR



OUR FEATURED PROJECT

# C1 COMPANY / THIQAHA TOWER - PIF

Location

KSA, Riyadh, Olaya Street

Client / Owner

THIQAHA TOWER - PIF

Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports, site inspection  
& handover, Civil Defense approvals.

Project Total

166,000.00 SR



FEATURED PROJECT

# Alsakab International Schools

Location

KSA, Riyadh, Laban District

Client / Owner

Alsakab International Schools

Scope of Work

Fire safety design and drawing approvals,  
preparation of technical reports, site inspection  
& handover, Civil Defense approvals.

Project Total

98,000.00 SR





Harmonizing authentic local heritage  
with refined global contemporary luxury.



Harmonizing authentic local heritage  
with refined global contemporary luxury.



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with refined global contemporary luxury.



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