



COMPANY PROFILE

Corporate Profile | Prequalification | Project Portfolio

Redefining Engineering Vision

www.rivkson.com

Riyadh – Kingdom of Saudi Arabia

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PART 01

WHO WE ARE

Engineering Confidence Through Integrated Engineering Solutions

RIVKSON Engineering Consultants partners with developers, architects, contractors, consultants, and government entities to deliver multidisciplinary engineering and specialized Fire & Life Safety solutions that are technically sound, code-compliant, and performance-driven.

Our integrated engineering approach combines building systems, MEP, Fire & Life Safety, digital engineering, and technical advisory expertise to minimize project risks, optimize design, support authority approvals, enhance safety and performance, and create long-term value throughout the project lifecycle.



1.1 - CHAIRMAN'S MESSAGE



Engineering is more than achieving regulatory compliance, it is about protecting lives, enabling sustainable development, and creating confidence for every stakeholder.

At RIVKSON, we combine technical excellence with practical engineering experience to deliver innovative, reliable, and future-ready engineering solutions that support our clients throughout every stage of their projects.

Our commitment is built on professionalism, integrity, and engineering excellence, ensuring every project receives the highest level of technical attention and quality.

Together, we strive to create safer buildings, stronger partnerships, and sustainable engineering value.



CHAIRMAN

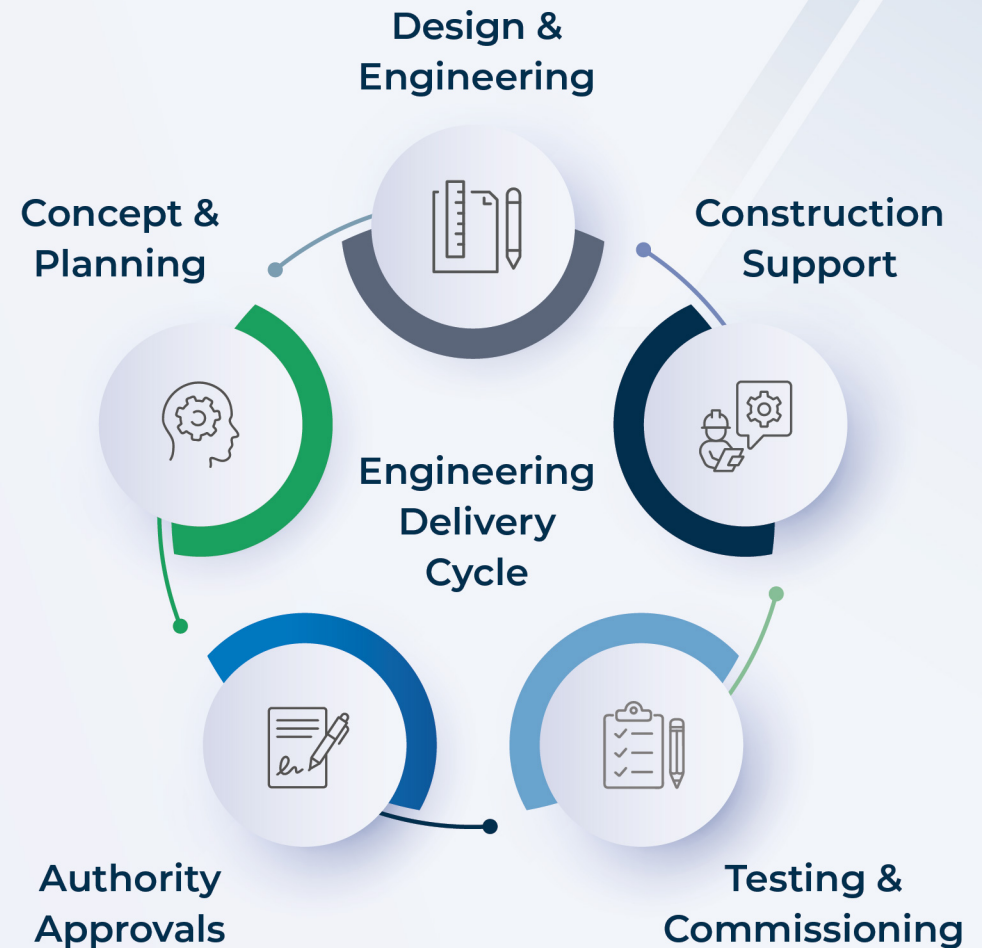
RIVKSON Engineering Consultants

1.2 - ABOUT RIVKSON



RIVKSON Engineering Consultants provides multidisciplinary engineering consultancy services throughout the complete project lifecycle—from concept development and engineering design to construction support, authority approvals, testing & commissioning, and final project close-out.

Our experienced engineering team delivers integrated, compliant, and value-driven solutions across multiple sectors while maintaining the highest standards of technical excellence and regulatory compliance.



1.3 - RIVKSON AT A GLANCE



Company Statistics



60+

Projects
Delivered



4

Countries
Served



250+

Technical
Reports
Issued



70+

Years of
Combined
Experience



7

Engineering
Disciplines



100%

Authority
Submission
Support



100%

QA/QC
Review
Before Issue

SECTORS WE SERVE



Hospitality



Commercial



Healthcare



Industrial



Data Centers



Government



Aviation

1.4 - VISION, MISSION, VALUES



Vision

To become the Middle East's most trusted engineering consultancy in Fire & Life Safety, recognized for delivering innovative, sustainable, and high-performance engineering solutions that protect lives and support resilient communities.



Mission

We help developers, architects, contractors, and government organizations deliver safer, smarter, and fully compliant projects through engineering excellence, technical innovation, and trusted partnerships.



Values

- ◆ Technical Excellence
- ◆ Integrity
- ◆ Innovation
- ◆ Collaboration
- ◆ Quality
- ◆ Client Focus

1.5 - VISION 2030 ALIGNMENT



RIVKSON CONTRIBUTES TO THE TRANSFORMATION OBJECTIVES OF SAUDI VISION 2030 THROUGH:



- Infrastructure modernization and mega-development compliance support.
- Urban development safety frameworks and authority integration.
- Sustainable engineering practices and performance-led review.
- Institutional governance strengthening through structured management systems.

1.6 - ENGINEERING PHILOSOPHY



At **RIVKSON**, we integrate Safety & Compliance, Engineering Expertise, and Practical Solutions to deliver innovative, code-compliant, and value-driven engineering solutions that protect lives and support project success.



1.7 - OUR JOURNEY



**Multidisciplinary
Team**



**Technical
Expertise**



**Quality
Commitment**



**Client
Trust**

1.8 - CORE DIFFERENTIATORS



Traditional Consultant

RIVKSON



Fire design only

▶ Integrated Fire & Life Safety Engineering.



Basic authority support

▶ Complete authority approval management.



Limited construction involvement

▶ End-to-end project lifecycle support.



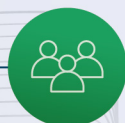
Single engineering discipline

▶ Multidisciplinary engineering coordination.



Reactive review process

▶ Proactive risk identification and mitigation.



**Multidisciplinary
Team**



**Technical
Expertise**



**Quality
Commitment**



**Client
Trust**

1.9 - WHAT OUR CLIENTS SAY



WHAT OUR CLIENTS SAY



RIVKSON's technical expertise and proactive authority coordination significantly accelerated our project approvals.

- **Project Director, Leading Developer**



A professional and responsive engineering team that consistently delivered high-quality Fire & Life Safety solutions tailored to our project requirements.

- **Design Manager, International PMC**



Their performance-based engineering solutions created measurable value by improving both safety and overall project performance.

- **MEP Director, Major Construction Company**



1.10 - OUR PROMISE



We are committed to delivering engineering solutions that inspire confidence, ensure life safety, achieve regulatory compliance, and contribute to the long-term success of every project we undertake.

CLOSING STATEMENT

ENGINEERING CONFIDENCE

DELIVERING EXCELLENCE

PART 02

ENGINEERING CAPABILITIES

Integrated Engineering Expertise for Safer, Smarter, and Fully Compliant Projects.

RIVKSON delivers multidisciplinary engineering consultancy services that combine technical excellence, regulatory expertise, and performance-driven engineering solutions.

Our engineering capabilities support projects from concept development through detailed design, authority approvals, construction support, commissioning, and final project handover.

We help clients reduce project risks, improve constructability, optimize engineering performance, and achieve full compliance with local and international standards.



2.1 - ENGINEERING CONSULTANCY



Providing independent engineering expertise to enhance quality, compliance, and successful project delivery.



DESIGN REVIEW

Independent review to improve compliance, coordination, and constructability.



VALUE ENGINEERING

Optimizing engineering solutions without compromising safety or performance.



TECHNICAL DUE DILIGENCE

Technical assessments supporting investment decisions and project evaluation.



DESIGN COORDINATION

Coordinating multidisciplinary engineering disciplines to improve project integration.



AUTHORITY COORDINATION

Managing authority submissions and approvals through project completion.



CONSTRUCTION TECHNICAL SUPPORT

Providing site support, technical reviews, inspections, and engineering assistance.



2.2 - FIRE & LIFE SAFETY ENGINEERING



FIRE STRATEGY

Development of project-specific fire strategies supporting life safety, asset protection, and regulatory compliance.

PASSIVE FIRE PROTECTION DESIGN

Design and review of fire compartmentation, fire stopping, structural fire-resistant, fire-retardant materials, fire doors.

CODE COMPLIANCE REVIEW

Verification of engineering designs against applicable codes, standards, and authority requirements.



MEANS OF EGRESS ANALYSIS

Assessment of occupant movement, exit capacity, travel distances, accessible egress, and evacuation performance.

FIRE & LIFE SAFETY AUDITS

Evaluation of facilities to identify deficiencies, improve compliance, and enhance life safety performance.

EXISTING BUILDING ASSESSMENTS

Assessment of existing buildings to identify compliance gaps and recommend practical upgrade solutions.

2.3 - PERFORMANCE-BASED ENGINEERING



Applying advanced engineering analysis to optimize performance and support innovative, code-compliant design solutions.



CFD SMOKE MODELLING

Simulation of smoke movement and tenability under fire conditions.



EVACUATION MODELLING

Assessment of occupant movement and evacuation performance.



PERFORMANCE-BASED FIRE ENGINEERING

Development of alternative fire safety solutions using engineering analysis.



SMOKE CONTROL ANALYSIS

Evaluation of smoke management strategies for safe building performance.



FIRE & SMOKE SCENARIOS

Development of realistic fire scenarios to assess system effectiveness.



ENGINEERING JUSTIFICATIONS

Preparation of technical reports supporting alternative design approvals.

2.4 - RISK ASSESSMENT & INVESTIGATION



FIRE RISK ASSESSMENTS

Identification and evaluation of fire hazards to support effective risk mitigation.



HAZARD IDENTIFICATION

Assessment of potential hazards affecting life safety, assets, and business continuity.



INCIDENT INVESTIGATION

Technical investigation of fire incidents to determine root causes and corrective actions.



RISK ANALYSIS

Evaluation of fire and life safety risks using recognized engineering methodologies.



COMPLIANCE ASSESSMENTS

Assessment of operational facilities against applicable regulations and safety standards.



RISK MITIGATION STRATEGIES

Development of practical recommendations to reduce risks and improve safety performance.



2.5 - EVACUATION PLANNING & EMERGENCY PREPAREDNESS



- 01 EMERGENCY RESPONSE PLANS**
Preparation of comprehensive emergency response and incident management procedures.
- 02 EVACUATION PLANNING**
Development of safe evacuation procedures for various occupancy types.
- 03 OCCUPANT EMERGENCY PROCEDURES**
Establishment of clear emergency roles, responsibilities, and response actions.
- 04 EMERGENCY PREPAREDNESS ASSESSMENT**
Evaluation of organizational readiness for emergency situations.
- 05 EMERGENCY DRILL PROGRAMS**
Planning and evaluation of evacuation drills to verify emergency preparedness.
- 06 BUSINESS CONTINUITY SUPPORT**
Engineering support for emergency preparedness and operational continuity planning.

2.6 - TRAINING & CAPACITY DEVELOPMENT



FIRE SAFETY TRAINING

Professional training on fire prevention, protection, and emergency response.

EMERGENCY RESPONSE TRAINING

Training programs for emergency teams and incident response personnel.

EVACUATION DRILLS

Planning, supervision, and evaluation of practical evacuation exercises.



TECHNICAL WORKSHOPS

Specialized workshops covering codes, standards, and engineering best practices.

COMPETENCY DEVELOPMENT

Programs designed to enhance technical knowledge and professional capability.

REGULATORY AWARENESS

Training on applicable regulations, authority requirements, and industry standards.

2.7 - PROJECT MANAGEMENT & CONSTRUCTION SUPERVISION



Providing technical leadership and project oversight to ensure quality, compliance, and successful project delivery.



PROJECT MANAGEMENT

Management of engineering activities throughout the project lifecycle.



CONSTRUCTION SUPERVISION

Technical supervision to verify compliance with approved engineering designs.



SITE INSPECTIONS

Engineering inspections to monitor construction quality and code compliance.



QUALITY ASSURANCE

Verification of engineering deliverables and construction quality standards.



TECHNICAL COORDINATION

Coordination between clients, consultants, contractors, and regulatory authorities.



PROJECT MONITORING

Monitoring project progress, technical performance, and engineering compliance.



2.8 - AUTHORITY APPROVALS & REGULATORY COMPLIANCE



Managing regulatory approvals and authority coordination to achieve timely project compliance and successful approvals.



AUTHORITY COORDINATION

Coordination with regulatory authorities throughout the approval process.



PERMIT MANAGEMENT

Preparation and management of engineering permit applications and submissions.



REGULATORY COMPLIANCE

Verification of project compliance with applicable codes and authority requirements.



TECHNICAL SUBMISSIONS

Preparation and review of technical documentation for authority approval.



REVIEW COMMENT RESOLUTION

Management of authority review comments until final acceptance.



FINAL APPROVAL SUPPORT

Technical support through project completion and regulatory approval.

PART 03

HOW WE DELIVER

Structured Engineering Delivery for Predictable Project Success

At **RIVKSON**, we follow a structured engineering delivery methodology that ensures technical excellence, regulatory compliance, effective coordination, and consistent project execution from concept development through final project handover.

Our proven workflow minimizes project risks, enhances communication among stakeholders, and delivers high-quality engineering solutions on time and in accordance with applicable codes and standards.

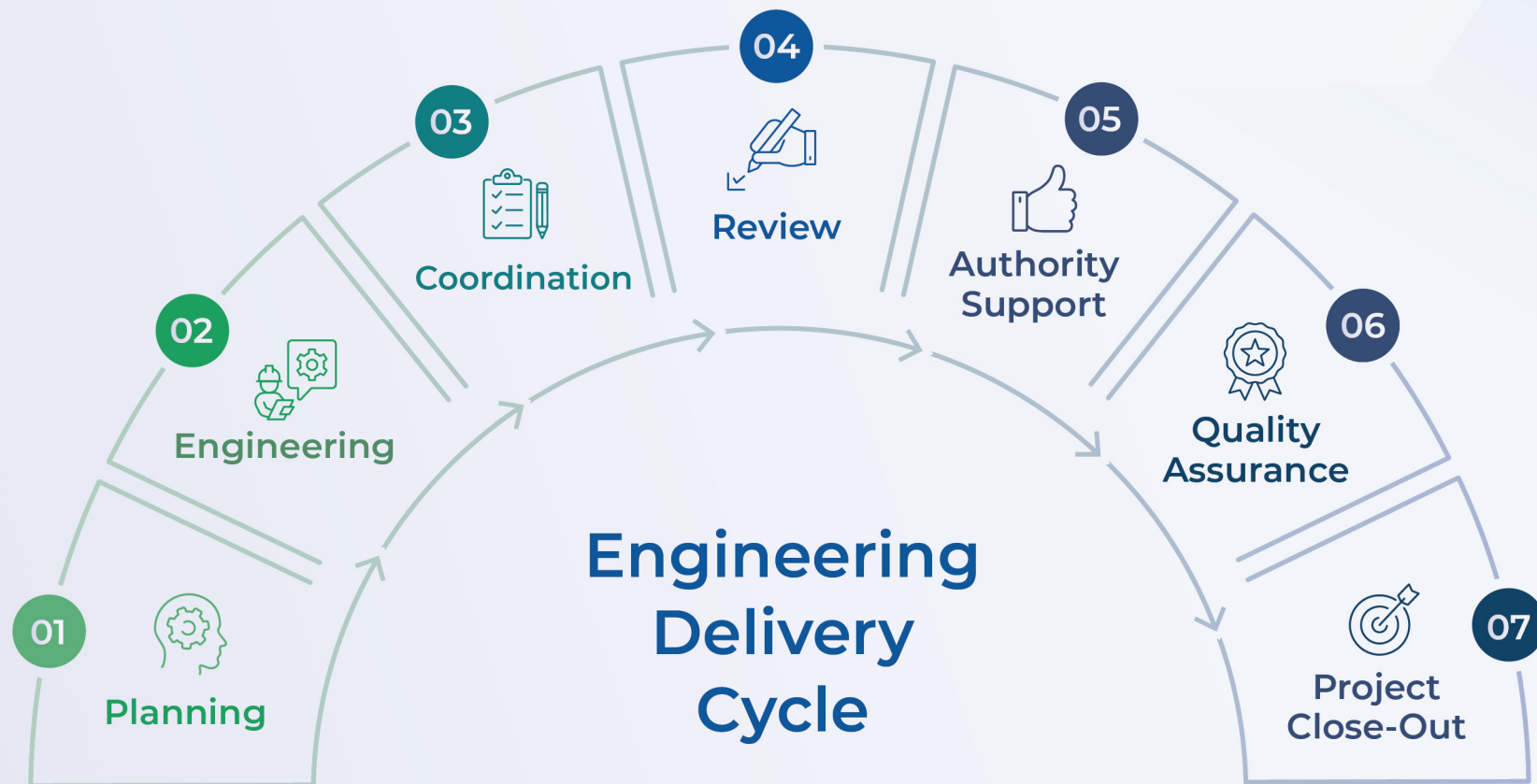


3.1 - ENGINEERING DELIVERY FRAMEWORK



Our integrated engineering delivery framework provides a systematic approach to planning, coordinating, reviewing, and delivering engineering services throughout every phase of the project lifecycle.

Each project follows a controlled workflow that ensures quality, technical consistency, regulatory compliance, and successful project delivery.



3.2 - PROJECT LIFECYCLE



RIVKSON provides engineering support throughout every stage of the project lifecycle.



3.3 - DESIGN COORDINATION



Effective multidisciplinary coordination minimizes conflicts, improves constructability, reduces project risks, and enhances engineering efficiency.

Coordination Sequence

01

Architecture

02

MEP

03

Fire & Life Safety

04

Authorities

05

Client Review

Key Objectives



Eliminate engineering clashes.



Improve design integration.



Maintain regulatory compliance.



Enhance construction efficiency.



Deliver coordinated engineering packages.

3.4 - QUALITY MANAGEMENT



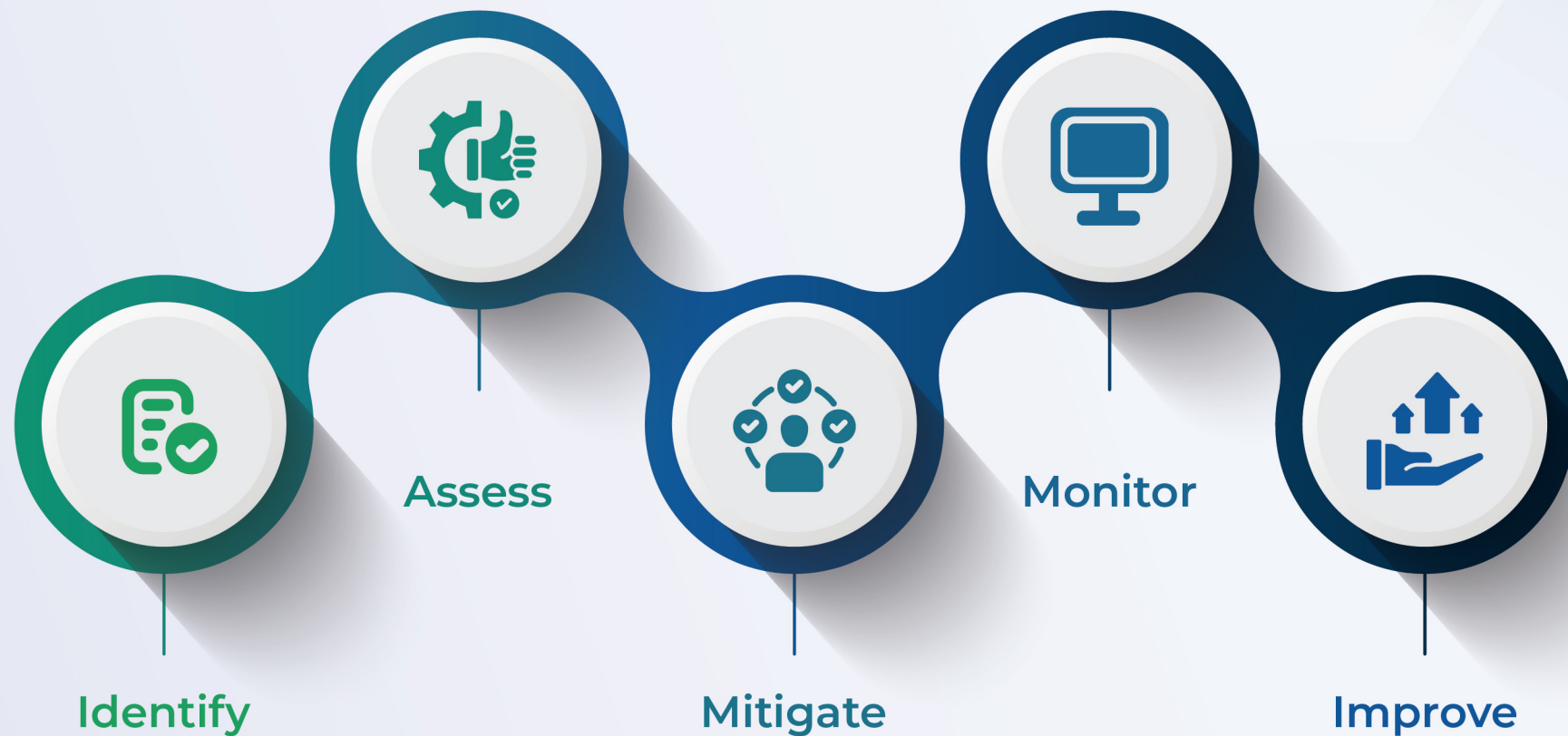
Every engineering deliverable undergoes a structured quality management process before submission to ensure technical accuracy, consistency, and compliance.



3.5 - RISK MANAGEMENT



RIVKSON proactively identifies, evaluates, mitigates, and monitors project risks to minimize their impact and maximize successful project delivery.



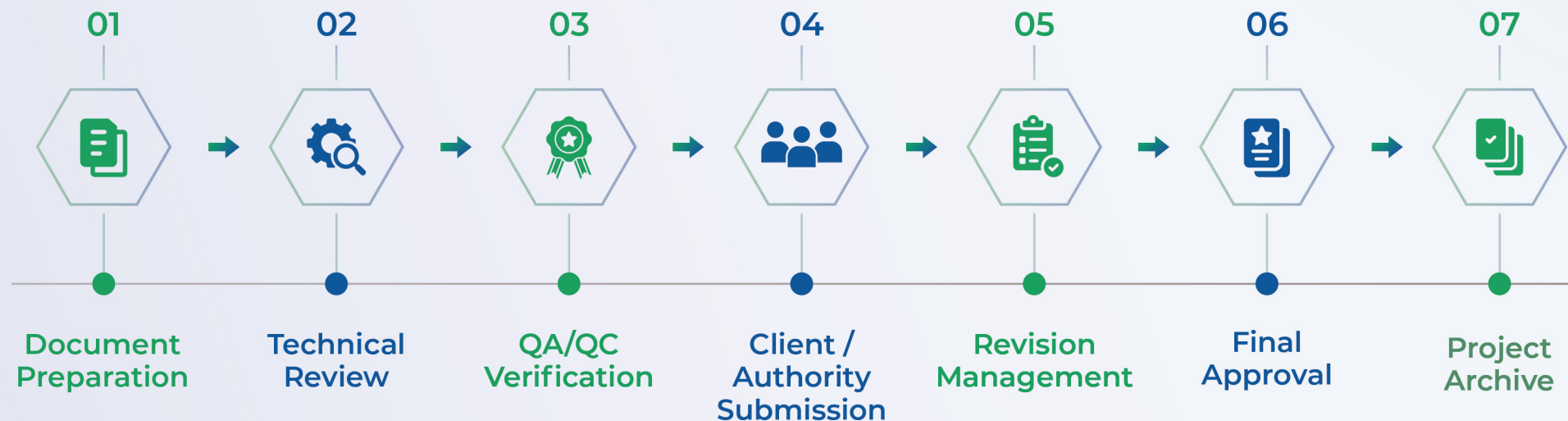
3.6 - DOCUMENT CONTROL



Controlled Documentation. Consistent Delivery.

Controlled documentation ensures consistency, traceability, version management, and regulatory compliance throughout the project lifecycle.

Our Document Control Process



RIVKSON DOCUMENT CODE NUMBERING SYSTEM



Standardized | Traceable | Consistent | Efficient



EXAMPLE: RIV-FLS-KSA-RUH-PRJ001-RPT-CRS-00-001-IFC

6.3 KEY DEFINITIONS (EACH SEGMENT)

01 ORG (Organization) RIV: RIVKSON	02 DISC (Discipline) GOV: Governance PMO: Project/PMO TEC: Technical Engineering FLS: Fire & Life Safety HSE: Health & Safety COM: Commercial/Contracts	03 CTR (Contract / Client Type) • KSA: Saudi operations (or client category) • Optional client abbreviation (e.g. NEO, RSG) (only if approved)	04 LOC (Location) RUH: Riyadh JED: Jeddah DMM: Dammam NEOM: Neom OTH: Other	05 PRJ (Project Code) Client project code or RIV internal (e.g. PRJ001)	06 DOC (Document Class) MNL: Manual PRC: Procedure PLN: Plan RPT: Report CAL: Calculation DRW: Drawing MAT: Matrix REG: Register FRM: Form LTR: Letter MIN: Minutes	07 TYP (Type / Subtype) COMP: Compliance RISK: Risk GATE: Gate RFI: RFI CRS: CRS NCR: NCR CAPA: CAPA SUBM: Submission	08 SEQ (Sequence) 3-digit incremental number (003,002,001...)	09 REV (Revision) 02,01,00 ... (Revision changes when content changes)	10 STAT (Status) WIP: Work In Progress IFR: Issued For Review IFA: Issued For Approval IFC: Issued For Construction ASB: As-Built FIN: Final
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6.4 CODING RULES

- One code = one controlled record family (never reuse)
- Revision changes when content changes
- Status changes do not replace revision (status is lifecycle state)
- External issue allowed only at IFA / IFC / ASB / FIN per rules
- Safety-critical documents require Verified By field before IFC

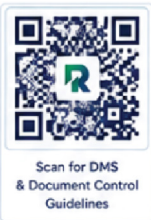
DOCUMENT LIFECYCLE (STATUSES)



QUICK REFERENCE EXAMPLE

RIV-FLS-KSA-RUH-PRJ001-RPT-CRS-00-001-IFC

RIV: Organization (RIVKSON)
FLS: Discipline (Fire & Life Safety)
KSA: Contract / Client Type (Saudi Operations)
RUH: Location (Riyadh)
PRJ001: Project Code
RPT: Document Class (Report)
CRS: Type / Subtype (CRS Report)
001: Sequence Number
00: Revision Number
IFC: Status (Issued For Construction)



✓ This coding system ensures consistency, traceability, and control across all RIVKSON projects and disciplines.

3.7 - REGULATORY COORDINATION



RIVKSON coordinates closely with project stakeholders and regulatory authorities to facilitate efficient reviews, approvals, and successful project execution.

COORDINATION PARTNERS



Municipality



Civil Defense



Other Government
Authorities



Client & Project
Stakeholders

OUR RESPONSIBILITIES

- ▶ Prepare authority submission packages.
- ▶ Coordinate technical responses.
- ▶ Resolve authority comments.
- ▶ Support approval meetings.
- ▶ Monitor approval progress.
- ▶ Ensure compliance with applicable regulations.

3.8 - CONSTRUCTION SUPPORT



We provide comprehensive engineering support during construction to ensure accurate implementation, technical compliance, and successful project completion.

CONSTRUCTION SUPPORT SERVICES

Site
Visits

Technical
Queries

Shop Drawing
Review

Material
Submittals

NCR
Support

Final
Inspection

OUR DELIVERY PRINCIPLES

- ▶ Technical Excellence
- ▶ Compliance
- ▶ Quality
- ▶ Efficiency
- ▶ Continuous Improvement

Delivering safe, compliant, and high-quality engineering solutions that build trust and create lasting value.

PART 04

PROJECT EXPERIENCE

Proven Engineering Experience Across Diverse Market Sectors.

RIVKSON has successfully delivered engineering consultancy services across a wide range of project sectors throughout the Middle East. Our portfolio reflects our commitment to technical excellence, regulatory compliance, and performance-driven engineering solutions.

From hospitality developments and healthcare facilities to industrial complexes, government projects, and mission-critical data centers, we provide engineering expertise that supports every stage of the project lifecycle—from concept development to final authority approval.



4.1 - RIVKSON PROJECT EXPERIENCE



Our portfolio demonstrates our capability to deliver technically sound, code-compliant, and value-driven engineering solutions across multiple sectors.

FOUR SEASONS HOTEL JEDDAH

Sector: Hospitality

Location: Jeddah, Kingdom of Saudi Arabia

Scope of Services:

- Fire & Life Safety Design Review
- Fire Strategy Review
- Authority Coordination & Approvals
- Compliance Verification
- Construction Engineering Support

PROJECT SUMMARY

Four Seasons Hotel Jeddah represents RIVKSON's first directly awarded Fire & Life Safety Engineering Consultancy project, demonstrating our capability to successfully deliver engineering consultancy services for world-class hospitality developments. The project involved technical design reviews, fire strategy verification, authority coordination, and engineering compliance throughout the design development process.



4.2 - SELECTED PROJECT EXPERIENCE



AMAALA TRANSPORT SHARED FACILITY HUB

Sector: Transportation Infrastructure

Location: AMAALA, Kingdom of Saudi Arabia

Scope of Services:

- Fire & Life Safety Design Review
- Fire Protection Systems Review
- Technical Code Compliance Review
- Civil Defense Submission & Authority Coordination



AMAZON FULFILMENT CENTRE

Sector: Logistics & Warehousing

Location: Riyadh, Kingdom of Saudi Arabia

Scope of Services:

- Fire & Life Safety Design Review
- Fire Protection Systems Review
- Technical Code Compliance Review
- Engineering Compliance Verification

SELECTED PROJECT EXPERIENCE



ELITE TRAINING CENTER

- Sector:** Sports & Training Facilities
- Location:** Jeddah, Kingdom of Saudi Arabia
- Scope of Services:**
- Fire & Life Safety Design
 - Fire Fighting Systems Review
 - Fire Alarm Systems Review
 - Authority Compliance Review



KING HUSSEIN CANCER CENTER

- Sector:** Mixed-Use Development
- Location:** Madinah
- Scope of Services:**
- Fire & Life Safety Design Review
 - Fire Protection Systems Review
 - Technical Code Compliance Review
 - Engineering Compliance Verification

SELECTED PROJECT EXPERIENCE



KING HUSSEIN CANCER CENTER

- Sector:** Healthcare
- Location:** Amman, Jordan
- Scope of Services:**
- Fire & Life Safety Design Review
 - Fire Protection Systems Review
 - Technical Code Compliance Review



WEST BAY MEDICAL CENTER AT THE GATE MALL

- Sector:** West Bay Medical Center
- Location:** Doha, Qatar
- Scope of Services:**
- Fire & Life Safety Design Review
 - Fire Protection Systems Review
 - Technical Code Compliance Review

SELECTED PROJECT EXPERIENCE



AL INMA TOWER

Sector: Commercial High-Rise

Location: Riyadh

Scope of Services:

- Pressurization System Analysis
- Smoke Management System Review
- CFD Simulation



RITZ CARLTON RESIDENCIES

Sector: Luxury Residential

Location: Riyadh, Kingdom of Saudi Arabia

Scope of Services:

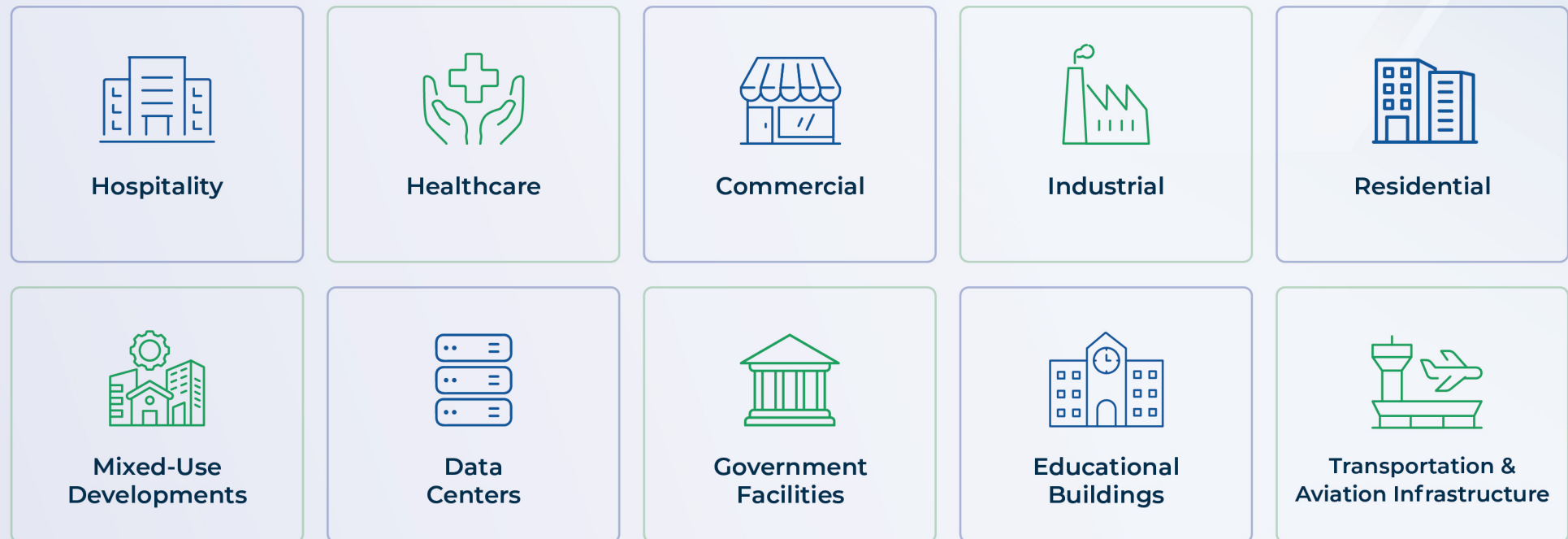
- Fire & Life Safety Design Review
- Performance-Based Engineering
- CFD & Smoke Analysis
- Comprehensive CRS Package

4.3 - SECTOR EXPERIENCE



RIVKSON delivers engineering consultancy services across a broad range of industries and project types.

Market Sectors



Our Experience

Our multidisciplinary engineering team applies consistent technical standards and international best practices across every sector, ensuring safe, compliant, and efficient engineering solutions regardless of project complexity.

4.4 - LEADERSHIP, GOVERNANCE & ENGINEERING CAPABILITIES



ORGANIZATION STRUCTURE

RIVKSON provides integrated engineering solutions in Fire & Life Safety and Building Systems. Guided by engineering excellence and ethical leadership, we create safe, sustainable and high-performing environments that support our clients' vision and the communities we serve.



EXECUTIVE RESPONSIBILITIES



Corporate
Leadership



Engineering
Excellence



Technical
Governance



Innovation &
Development



Business
Growth



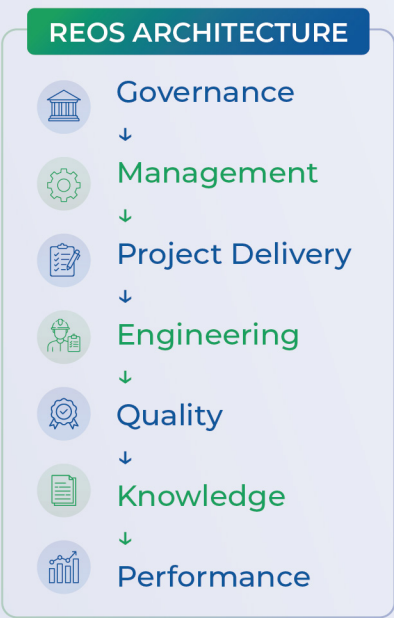
Strategic Client
Relations

4.5 - REOS | RIVKSON ENGINEERING OPERATING SYSTEM



An Integrated Engineering Operating System connecting Governance, Engineering, Project Delivery, Quality, Knowledge, and Digital Intelligence.

REOS DELIVERY FRAMEWORK



4.6 - REGIONAL PRESENCE



RIVKSON supports engineering projects throughout the Middle East by combining local expertise with regional engineering experience.

Countries Served

-  Saudi Arabia
-  Jordan
-  United Arab Emirates
-  Qatar

Regional Strength

Our expanding regional presence enables us to support multinational developers, consultants, contractors, and government entities while maintaining consistent engineering standards across different regulatory environments.



PART 05

CERTIFICATIONS, GOVERNANCE & COMPLIANCE

Engineering Excellence Built on International Standards and Regulatory Confidence

At **RIVKSON Engineering Consultants**, quality, governance, and compliance are embedded in every engineering service we deliver. Our Integrated Management System (IMS), professional accreditations, and disciplined engineering processes ensure that every project is executed with consistency, technical excellence, and full regulatory compliance.

By combining internationally recognized management standards with local authority expertise, we help our clients reduce project risks, streamline approvals, and deliver successful engineering outcomes.



5.1 - INTEGRATED MANAGEMENT SYSTEM (IMS)



ENGINEERING MANAGEMENT SYSTEM

RIVKSON operates an Integrated Management System (IMS) that combines internationally recognized management principles with engineering best practices to ensure consistent quality, effective project delivery, and continual improvement.



ISO 9001:2015

Quality Management System

Our Quality Management System provides a structured framework that ensures every engineering deliverable is prepared, reviewed, and issued in accordance with documented procedures and internationally recognized quality principles.

Key Benefits

- Standardized engineering processes
- Independent QA/QC review before issuance
- Risk-based engineering approach
- Continual improvement
- Client satisfaction



ISO 21502:2020

Project Management Guidance

Our engineering projects follow internationally recognized project management principles to ensure successful planning, execution, monitoring, and delivery throughout every project phase.

Key Benefits

- Structured project governance
- Scope and schedule management
- Stakeholder coordination
- Risk management
- Resource optimization
- Controlled project delivery



ISO 45001:2018

Occupational Health & Safety Management System

Safety is integrated into every engineering activity to protect our employees, clients, contractors, and project stakeholders.

Key Benefits

- Hazard identification
- Risk mitigation
- Safe work practices
- Continuous safety improvement
- Regulatory compliance

CORPORATE DOCUMENTS & LICENSES are provided in [Appendix B](#)

Integrated Engineering Management

Our Integrated Management System connects:



Quality



Project Management



Health & Safety



Engineering Excellence



Client Satisfaction

5.2 - PROFESSIONAL REGISTRATIONS & TECHNICAL STANDARDS



PROFESSIONAL REGISTRATIONS

RIVKSON maintains professional registrations and memberships that demonstrate our technical competence and regulatory compliance.



SAUDI COUNCIL OF ENGINEERS (SCE)

- Licensed Engineering Consultancy Office
- Professional Engineering Registration.



GENERAL DIRECTORATE OF CIVIL DEFENSE (SALAMAH)

- Approved Fire & Life Safety Engineering Consultant.
- Supporting authority submissions and regulatory compliance.

TECHNICAL STANDARDS & REGULATORY FRAMEWORK

Our engineering services are designed and delivered in accordance with recognized national regulations, international standards, and globally accepted engineering best practices.



SAUDI BUILDING CODE (SBC)

- Engineering services delivered in accordance with the Saudi Building Code (SBC).
- Ensuring code-compliant, safe, and sustainable engineering solutions.



NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

- Aligned with NFPA international codes and standards.
- Delivering fire & life safety solutions based on global best practices.

5.3 - ENGINEERING COMPLIANCE FRAMEWORK



COMPLIANCE & REGULATORY FRAMEWORK

Our **engineering services** are developed in full accordance with applicable Saudi regulations and internationally recognized engineering standards.



NATIONAL REGULATIONS

- Saudi Building Code (SBC)
- Saudi Civil Defense Requirements
- Local Municipality Requirements



INTERNATIONAL STANDARDS

- NFPA Standards
- International Building Code (IBC)
- International Fire Code (IFC)
- FM Global
- British Standards (BS)
- Project-Specific International Standards



AUTHORITY COORDINATION

Comprehensive support throughout the authority approval process, including:

- Technical submissions
- Review meetings
- Comment resolution
- Resubmissions
- Final approvals

Engineering Governance

Every engineering package undergoes:

- ↓ Requirements Review
- ↓ Engineering Design
- ↓ Internal Technical Review
- ↓ Independent QA/QC Review
- ↓ Compliance Verification
- ↓ Authority Submission
- ↓ Construction Support
- ↓ Project Close-Out

Continuous Compliance

Through regular audits, internal reviews, and lessons learned, we continuously improve our engineering processes and maintain compliance throughout the project lifecycle.

5.4 - ENGINEERING EXCELLENCE



WHY CLIENTS TRUST RIVKSON

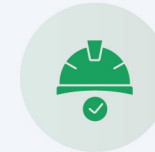
Our **reputation** is built on technical capability, disciplined project delivery, and long-term client relationships.



Technical
Excellence



Authority
Confidence



Digital
Engineering



Reliable
Project Delivery



Long-Term
Partnership

OUR COMMITMENT

Quality

Delivering engineering solutions that consistently meet the highest international standards.

Safety

Protecting lives, property, and business continuity through proactive engineering.

Integrity

Operating with professionalism, accountability, and ethical engineering practices.

Innovation

Leveraging digital engineering technologies and advanced analytical methodologies to create smarter engineering solutions.

Continuous Improvement

Continuously enhancing our people, systems, and engineering capabilities to deliver greater value.

Client Success

Building long-term partnerships through technical excellence, reliable service, and measurable project outcomes.

Certified Systems. Proven Processes. Trusted Engineering.

RIVKSON Engineering Consultants combines internationally recognized management systems, disciplined engineering governance, and extensive regulatory expertise to deliver safe, compliant, and high-performance engineering solutions across the Middle East.



ENG. RAKAN ELFRAIHAT
CHIEF ENGINEERING OFFICER
(CEnO)

- Fire & Life Safety Engineering
- Business Leadership
- Strategic Management

PROFESSIONAL PROFILE

- Eng. Rakan Al-Fraihat is the Chief Engineering Officer of RIVKSON Engineering Consultants with over 12 years of experience in Fire & Life Safety Engineering, engineering consultancy, and technical leadership across the Middle East.
- He specializes in Fire Strategy, Performance-Based Design, Authority Approvals, Code Compliance, and Fire Protection Engineering, delivering technically sound and regulatory-compliant solutions for complex developments.

KEY QUALIFICATIONS

- **Education:** B.Sc. Fire & Safety Engineering
- **Experience:** 10+ Years
- **Registrations:** SCE | JEA
- **Languages:** Arabic | English

CORE EXPERTISE

- Fire Strategy
- Fire Protection Engineering
- Performance-Based Design
- Authority Approvals
- Technical Leadership



ENG. MASSOUD SALEH
ENGINEERING MANAGER

- Fire & Life Safety Engineering
- Multidisciplinary Engineering
- Technical Management

PROFESSIONAL PROFILE

- Eng. Massoud Saleh is an experienced Engineering Manager and Certified Fire Protection Specialist (CFPS) with over 19 years of experience in Fire & Life Safety engineering, multidisciplinary engineering coordination, and technical project delivery across the Middle East, Europe, and Africa.
- His core expertise covers Fire Protection Systems, Fire & Life Safety Engineering, Smoke Control, Code Compliance, and Testing & Commissioning, supported by extensive experience coordinating with MEP, architectural, civil, and other engineering disciplines throughout the project lifecycle.
- He has managed engineering activities from site assessment and concept development through design, technical review, authority approvals, construction support, testing, commissioning, and final handover, providing strong technical leadership for complex multidisciplinary projects.

KEY QUALIFICATIONS

- **Experience:** 19+ Years
- **Certification:** Certified Fire Protection Specialist (CFPS)
- **Registration:** Saudi Council of Engineers (SCE) – Mechanical Engineering
- **Standards:** NFPA | FM | EN | BS

CORE EXPERTISE

- Fire & Life Safety Engineering
- Fire Protection & Suppression Systems
- Multidisciplinary Engineering Coordination
- Engineering Management & Technical Review
- Code Compliance & Project Delivery



ENG. FIRAS AL-ZERAT
**FIRE & LIFE SAFETY LEAD
ENGINEER**

- Fire Protection
- Occupational Health & Safety
- Code Compliance

PROFESSIONAL PROFILE

- Eng. Firas Al-Zerat has extensive experience in Fire Protection Engineering, Occupational Health & Safety, and regulatory compliance across commercial, industrial, and infrastructure projects.
- He specializes in Fire & Life Safety systems, risk assessment, emergency planning, and engineering compliance in accordance with NFPA, SBC, and ISO standards.

KEY QUALIFICATIONS

- **Education:** B.Sc. Fire & Safety Engineering
- **Experience:** 10+ Years
- **Languages:** Arabic | English

CORE EXPERTISE

- Fire Protection Engineering
- Risk Assessment
- Safety Audits
- Emergency Planning
- Code Compliance



DR. HASSAN SALEM
BIM & DIGITAL DELIVERY
MANAGER

- BIM
- CFD
- Smoke Management
- Digital Engineering

PROFESSIONAL PROFILE

- Dr. Hassan Salem has more than 18 years of international experience in BIM, CFD, smoke management, and multidisciplinary MEP engineering, contributing to over 200 major projects across the Middle East and Europe.
- He specializes in advanced engineering analysis, digital engineering workflows, CFD simulation, and BIM coordination for complex developments.

KEY QUALIFICATIONS

- **Education:** Ph.D. Mechanical Engineering
- **Experience:** 18+ Years
- **Registration:** CEng
- **Languages:** Arabic | English

CORE EXPERTISE

- BIM Management
- CFD Simulation
- Smoke Management
- Digital Engineering
- MEP Coordination



ENG. MOHAMMED SHAABAN
QA/QC MANAGER

- Quality Assurance
- Engineering Compliance
- Document Control

PROFESSIONAL PROFILE

- Eng. Mohammed Shaaban is responsible for implementing quality management systems and engineering compliance throughout project delivery, ensuring technical excellence and document integrity.
- He supports engineering teams through quality assurance, technical audits, compliance verification, and Integrated Management System (IMS) implementation.

KEY QUALIFICATIONS

- **Education:** Engineering Degree
- **Experience:** 18+ Years
- **Languages:** Arabic | English

CORE EXPERTISE

- Quality Assurance
- QA/QC Management
- IMS Implementation
- Technical Audits
- Document Control



Membership no.:347161



عضوية رقم: 347161

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date 19/4/1438 H. SCE has approved:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ ونظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ ولائحته التنفيذية فقد قررت الهيئة اعتماد:

RAKAN YUSUF MOHAMMAD ELFRAIHAT

Professional Accreditation Category: Engineer

Specialization: Fire Protection Engineering

Professional Grade: Professional

Professional Accreditation Start Date: 9/26/2017

راكان يوسف محمد الفريحات

فئة الاعتماد المهني: مهندس

التخصص: هندسة الوقاية من الحريق

الدرجة المهنية: محترف

تاريخ بداية الاعتماد المهني: 9/26/2017

This Certification is valid until: 26 September 2026

هذه الشهادة صالحة إلى تاريخ: 14 ربيع الثاني 1448



Secretary General الأمين العام

مساعد بن عبدالله العتيبي



Digitally signed



Membership no.:811339

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date 19/4/1438 H. SCE has approved:

مسعود الياس صالح

Membership Category: Engineer

Specialization: Mechanical Engineering

Membership Start Date: 12/16/2021

This Certification is valid until: 16 December 2027



شهادة

اعتماد مهني

Certificate
Professional Accreditation



عضوية رقم: 811339

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ١٤٢٣/٩/٢٦ هـ ونظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٤٣٨/٤/١٩ هـ ولائحته التنفيذية فقد قررت الهيئة اعتماد:

مسعود الياس صالح

فئة العضوية: مهندس

التخصص: هندسة ميكانيكية

تاريخ بداية العضوية: 12/16/2021

هذه الشهادة صالحة إلى تاريخ: 18 رجب 1449

الأمين العام Secretary General

المكلف / م. فيصل بن عبدالله اليمني





Commercial Registration Certificate

**Rivkson Company For
Engineering Consultancy**

- National Number : 7051974280**
- Release date : 08/10/2025**
- Entity Type Company Limited liability
: company**
- Company Characteristics : (Professional)**
- Status : Active**

Basic data of the commercial register



7051974280

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mc.gov.sa

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mcgovsa



وزارة البلديات والإسكان
Ministry of Municipalities and Housing



الهيئة السعودية للمهندسين
SAUDI COUNCIL OF ENGINEERS

رقم الترخيص: 5100004823

مختطة: 1447/10/18

تاريخ الإصدار: 1448/10/18

تاريخ الانتهاء: 1448/10/18



رؤية 2030
VISION 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

ترخيص نهائي

لشركات الاستشارات الهندسية

نوع الشركة: شركة ذات مسؤولية محدودة

جنسية الشركة: السعودية

العنوان: الرياض - - - الرمز البريدي

بناءً على نظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي رقم (م/٣٦) وتاريخ ١٩/٤/١٤٣٨هـ ولأحكامه التنفيذية ومعايير مزاولة المهن الهندسية وشروط التراخيص للمكاتب والشركات الهندسية الصادر بالقرار رقم (ج/١٥/٦) وتاريخ ٢٤/٧/١٤٤٠هـ

يرخص لشركة / ريفكسون للاستشارات الهندسية

بمزاولة مهنة الاستشارات الهندسية في الأنشطة المهنية التالية:

[هندسة السلامة , هندسة كهربائية]

أنشطة الدليل الوطني (ISIC4) التي يمكن للشركة ممارستها من خلال الترخيص

711011 تقديم خدمات الاستشارات الهندسية في مجال الوقاية والحماية من الحريق 711032 أنشطة الهندسة للمشاريع الكهربائية والحفريات والامن والسلامة والكيمياء

هوية رقم / 1108163583

الجنسية / السعودية

مدير الشركة / تركي علي سعيد الغامدي



(أي كشط أو تعديل في هذه الوثيقة يلغيها)

رقم الشهادة: {2}

تاريخ الطباعة: 7/23/2026

Company Profile | Prequalification | Project Portfolio

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رؤية 2030
الهيئة العامة للغذاء والدواء
Ministry of Health

سلامة
Salamah




المملكة العربية السعودية
وزارة الداخلية
المديرية العامة للدفاع المدني

ترخيص مزاولة نشاط

رقم الترخيص
100001124

2028-07-23	تاريخ إنتهاء الترخيص	2026-07-23	تاريخ إصدار الترخيص
شركة ريفكسون للاستشارات الهندسية		الاسم التجاري	
7051974280		رقم وزارة الداخلية	
الرياض	المدينة	منطقة الرياض	المنطقة
للإطلاع على بيانات الأنشطة الرجاء مسح الرمز التجاري أدناه.		النشاط المرخص له	

*هذه الوثيقة سارية للسجل التجاري الرئيسي وجميع السجلات التجارية الفرعية للمنشأة .

هذه الوثيقة موقعة إلكترونياً ولا تحتاج توقيع يدوي وفقاً لقرار مجلس الوزراء رقم (8) وتاريخ 07/03/1428 هـ. المنظم للتعاملات الإلكترونية للتأكد من صحة الترخيص يرجى مسح الرمز التجاري أدناه.

المديرية العامة للدفاع المدني
شؤون السلامة
الإدارة العامة للأنظمة والتراخيص
إدارة التراخيص

للإطلاع على كافة الأنشطة المرخص له
وصلاحية الترخيص الرجاء المسح على الرمز التجاري





		شهادة اشتراك Membership Certificate		 Riyadh Chamber	
Membership No. :	1201546	1201546	رقم العضوية الموحد :		
Date of Issue:	08/10/2025	2025/10/08	تاريخ الاصدار:		
Membership Class :	Sixth	السادسة	درجة العضوية :		
Riyadh Chamber Certifies			تشهد الغرفة التجارية الصناعية بالرياض بأن		
Rivkson Company For Engineering Consultancy			شركة ريفكسون للاستشارات الهندسية		
Commercial Registration No.	7051974280	7051974280	مقيدة بالسجل التجاري / الترخيص رقم :		
National Number	7051974280	7051974280	الرقم الموحد :		
Certificate Expires on	07/10/2026	2026/10/07	ينتهي سريان هذه الشهادة في		

- يلزم التحقق من الوثيقة عبر الرابط التالي <https://mybusiness.chamber.sa/> او تطبيق (بوابة أعمال)
- للهواتف الذكية دون أدنى مسؤولية على الغرفة التجارية عن محتوى الوثيقة.
- تعتبر هذه الوثيقة مصدقة من غرفة الرياض ولا تحتاج الى توقيع او ختم.
- عند التعديل على الوثيقة او محاولة العبث بها تعتبر لادعية وتعرض صاحبها للمسائلة القانونية.

100251156952769

المملكة العربية السعودية
Kingdom of Saudi Arabia

TIN 3142878308 الرقم المميز

Certificate No. 100251156952769 رقم الشهادة

Certificate date 16/11/2025 تاريخ الشهادة

هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل في ضريبة القيمة المضافة

VAT Registration Certificate

تشهد هيئة الزكاة والضريبة والجمارك بأن المكلف أدناه مسجل في ضريبة القيمة المضافة بتاريخ ٢٠٢٥/١١/١٦ م
The Zakat, Tax and Customs Authority certifies that taxpayer below is VAT registered on 16/11/2025 AD

Taxpayer Name	شركة ريفكسون للاستشارات الهندسية	اسم المكلف
VAT Registration Number	314287830800003	رقم التسجيل الضريبي
Effective Registration Date	2025/11/01	تاريخ نفاذ التسجيل
Taxpayer Address	13324. الرياض، حي النرجس، الرياض. Riyyadh, Al Narjis Dist	عنوان المكلف
CR / License Contact / ID No	7051974280	رقم السجل التجاري / الرخصة / العقد / الهوية
Tax Period	ربع سنوي-Quarterly	الفترة الضريبية
First Filing due date	2026/01/31	تاريخ استحقاق أول إقرار ضريبي

ملاحظة: كمكلفين مسجلين في ضريبة القيمة المضافة، لا يجوز لكم تحصيل ضريبة القيمة المضافة من عملائكم قبل تاريخ نفاذ التسجيل في الضريبة. وفي حال تبين غير ذلك ستقوم هيئة الزكاة والضريبة والجمارك بتنفيذ الغرامات المستحقة

Note: As a VAT registered taxpayer, you are not allowed to collect VAT from your customers prior to the effective date of the tax registration. If otherwise approved, The ZAKAT, Tax and Customs Authority will impose the applicable penalties

www.zatca.gov.sa 19993 @zatca_sa

100251152026560

المملكة العربية السعودية
Kingdom of Saudi Arabia

TIN 3142878308 الرقم المميز

Certificate No. 100251152026560 رقم الشهادة

Certificate date 1447/04/16 هـ تاريخ الشهادة

هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل

Registration Certificate

تشهد هيئة الزكاة والضريبة والجمارك بأن المكلف أدناه مسجل في ضريبة القيمة المضافة بتاريخ ١٤٤٧/٠٤/١٦ هـ الموافق ٢٠٢٥/١٠/٠٨ م
The Zakat, Tax and Customs Authority certifies that the Taxpayer below is VAT registered on 16/11/2025 AD

The Zakat, Tax and Customs Authority

تشهد هيئة الزكاة والضريبة والجمارك أن المكلف /

Rivkson Company For Engineering Consultancy

Entity Unified No./ID No

7051974280

الرقم الموحد للمنشأة / رقم هوية

Is registered on 16/04/1447 AH corresponding to 08/10/2025 AD
(The sixteenth of Rabi' al-thani one thousand four hundred forty-seven Hijri)

مسجل لديها بتاريخ ١٤٤٧/٠٤/١٦ هـ الموافق ٢٠٢٥/١٠/٠٨ م
(السادس عشر من ربيع الثاني ألف وأربعمائة و سبعة و أربعون هجري)

Was granted this certificate to complete all transactions.

وقد منح هذه الشهادة لإنهاء جميع معاملاته .

يمكن التحقق من صلاحية الشهادة عبر موقع الهيئة www.zatca.gov.sa

The validity of the certificate can be verified via the Authority's Website www.zatca.gov.sa

www.zatca.gov.sa 19993 @zatca_sa

Proof Number	1079654751	رقم الإثبات
Original Date	27/1/2026	تاريخ الإصدار
Expiration Date	26/7/2026	تاريخ الانتهاء

العنوان الوطني
NATIONAL ADDRESS

إثبات عنوان Address Proof

Address Holder Details

Name: Rivkson Company For Engineering Consultancy

Customer Acc.: 3 1 3 3 3 6 2 8 5 8 2

Reg. Date: 27/1/2026

بيانات صاحب العنوان

الاسم: شركة ريفكسون للاستشارات الهندسية

رقم الحساب: 3 1 3 3 3 6 2 8 5 8 2

تاريخ التسجيل: 27/1/2026

Address Details

Short Address: R R R B 6 1 4 3

Building No.: 6 1 4 3

Secondary No.: 2 9 0 1

Postal Code: 1 3 3 4 2

City: RIYADH

Kingdom of Saudi Arabia

تفاصيل العنوان

العنوان المختصر: R R R B 6 1 4 3

الشارع: King Abdulaziz Ibn Abdulrahman Saud

الرقم الفرعي: 2 9 0 1

الرمز البريدي: 1 3 3 4 2

المدينة: الرياض

المملكة العربية السعودية

للتحقق To Verify

<https://proof.address.gov.sa/VerifyProofNA.aspx>

تم إصدار هذا الإثبات إلكترونياً ولا يتطلب التوقيع عليه
تم إصدار هذا الإثبات بناءً على طلب الموضع أعلاه، ويحظر قطعياً تغييره أو إدخال أي تعديلات عليه سواء بالزيادة أو النقص، وبعد الإثبات لتغيراً إذا شابه شيء من ذلك، كما يفرض صاحبه للمساءلة القانونية.

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This proof has been issued upon the request of the above-named, and it is absolutely prohibited to imitate it or make any modifications to it, whether by addition or deletion, and the proof is considered void if it is marred by something, and its owner is subject to legal accountability.

19992 <https://splonline.com.sa/ar/national-address-1/>





CONTACT INFORMATION



Follow Us



Head Office

RIVKSON Engineering Consultants

Al Arid District, Unit 1, Office 1

P.O. Box 2901

Riyadh 13342, Kingdom of Saudi Arabia

Regional Presence

- Jordan
- Egypt



Phone

+966 11 270 0403



Website

www.rivkson.com



Email

info@rivkson.com



Engineering Confidence Through Intelligent Fire & Life Safety Solutions

Delivering innovative engineering consultancy that combines technical excellence, regulatory expertise, and practical solutions to protect lives, support sustainable development, and create long-term value.

Engineering Excellence

Safety First

People Always
