

RAMZ

s o l u t i o n

Engineering Excellence, Delivering Safety



Firefighting System

Solutions



CCTV & ELV SYSTEMS

Solutions



HVAC & Ventilation

Solutions



O&M DIESEL GENERATORS

Power Solutions

Engineering Excellence

Delivering World-Class Infrastructure Solutions



Commercial

Towers & Complexes



Industrial

Facilities & Plants



Healthcare

Hospitals & Centers

Executive Summary



3+

Years in Operation



100+

Projects Completed



1

Regions Served



98%

Client Satisfaction

Who We Are

Premier engineering services company in **Khobar, Saudi Arabia** specializing in fire protection, HVAC systems, security solutions, and power generation. Trusted partner for government entities, commercial enterprises, and industrial facilities across the Kingdom and GCC region.

Our Competitive Edge

- ✓ SASO & NFPA compliant systems
- ✓ Certified engineering professionals
- ✓ Global manufacturer partnerships
- ✓ End-to-end project delivery
- ✓ 24/7 emergency response

Proven Excellence

Trusted by Government & Commercial Entities Across the Kingdom



100+

Projects Completed



6+

Sectors Served

Ramz Solutions - Your Trusted Engineering Partner

About Us

Founded with a clear vision: to become the region's most trusted provider of critical infrastructure systems. Our name, derived from the Arabic word for "**symbol**", reflects our commitment to being the benchmark of excellence.

Operating from our headquarters in **Khobar**, we serve clients throughout Saudi Arabia and the broader GCC region, delivering solutions that perform reliably in demanding environments.

Core Principles



Technical Excellence



Regulatory Compliance



Client Partnership

Certifications & Compliance



KSA Registered

Licensed to operate across all Saudi regions



SASO Compliant

Meeting Saudi standards organization requirements



Nationwide Reach

Serving all major cities and industrial zones



ISO Aligned

Quality management system standards

Building the Future

Partner in Saudi Arabia's Vision 2030 Development

Innovation

Advanced Technologies

Sustainability

Green Solutions

Excellence

Quality Delivery

Vision, Mission & Values



Our Vision

To be the **GCC region's leading integrated solutions provider** for fire safety, HVAC engineering, security systems, and power infrastructure.








Our Mission

Deliver **exceptional engineering solutions** that protect lives, optimize operational efficiency, and exceed client expectations.

- ✓ Certified expertise
- ✓ Rigorous quality standards
- ✓ Lasting partnerships



Core Values

-  Safety First
-  Technical Integrity
-  Client Partnership
-  Innovation
-  Accountability



FIREFIGHTING SYSTEMS

Comprehensive fire protection solutions designed to safeguard lives and property

NFPA

Standards

SASO

Compliant

Civil Defense

Approved

Critical Fire Protection

Safeguarding Healthcare Facilities & Critical Infrastructure



Healthcare

Hospitals & Medical Centers



Commercial

Towers & Complexes

Comprehensive Fire Safety for Life-Critical Environments
RAMZ Solutions - Trusted Partner for Fire Protection Systems



Firefighting Systems



Scope of Services

- Fire suppression system design & installation
- Wet and dry sprinkler systems
- Fire pump installation & testing
- FM-200 and clean agent suppression
- Fire detection & alarm integration



Technologies & Standards

- NFPA 13, 14, 20, and 25 compliance
- SASO fire safety standards adherence
- UL-listed components & equipment
- PLC-based monitoring & control
- Hydraulic calculation & modeling



Client Benefits

- ✓ Regulatory compliance guaranteed
- ✓ Reduced insurance premiums
- ✓ 24/7 emergency response support
- ✓ Comprehensive documentation & as-built drawings
- ✓ Training programs for facility teams



HVAC SYSTEMS

Advanced heating, ventilation, and air conditioning solutions engineered for the demanding climate conditions of the Arabian Gulf

ASHRAE

Standards

SASO

Compliant

SBC

Code

Advanced Climate Solutions

Optimizing Comfort & Efficiency in Industrial Environments



Industrial

Manufacturing & Processing



Commercial

Office Buildings & Malls

Energy-Efficient HVAC for Demanding Conditions

RAMZ Solutions - Your Trusted HVAC Partner



Scope of Services

- Central chilled water plant design & installation
- Variable refrigerant flow (VRF) systems
- Packaged and split unit installation
- Ventilation & exhaust system engineering
- Building Management System (BMS) integration



Technologies & Standards

- ASHRAE 90.1 energy efficiency standards
- SASO energy conservation requirements
- High-efficiency IE3/IE4 motor standards
- Smart controls and IoT-enabled monitoring
- Green building certification (LEED, ESTIDAMA)

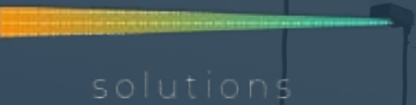


Client Benefits

- ✓ Significant energy cost reduction
- ✓ Improved indoor air quality & comfort
- ✓ Reduced carbon footprint & environmental impact
- ✓ Predictive maintenance through smart monitoring
- ✓ Compliance with Saudi Building Code requirements



RAMZ



CCTV & ELV SYSTEMS

Integrated security and extra-low voltage solutions that protect assets and enable intelligent building operations

ONVIF

Compliant

ISO 27001

Certified

SAMA

Standards

Engineering Excellence, Delivering Safety

Integrated Security Solutions

Protecting Critical Infrastructure & Transportation Hubs



Infrastructure

Airports & Transportation



Government

Critical Facilities

Advanced Surveillance & Access Control Systems

RAMZ Solutions - Your Security Partner



Scope of Services

- IP-based video surveillance systems
- Access control & time attendance systems
- Intrusion detection & perimeter security
- Structured cabling & network infrastructure
- Public address & voice evacuation systems



Technologies & Standards

- ONVIF-compliant IP camera systems
- PoE+ powered device infrastructure
- AI-powered analytics & facial recognition
- Fiber optic backbone for high-bandwidth
- Cloud and hybrid storage solutions



Client Benefits

- ✓ Enhanced security with real-time monitoring
- ✓ Remote access & mobile management
- ✓ Scalable infrastructure for future expansion
- ✓ Integration with building management systems
- ✓ Compliance with data protection regulations



POWER & ENERGY SYSTEMS

Reliable power generation and energy management solutions ensuring business continuity for critical operations

IEC

Standards

IEEE

Compliant

SEC

Regulations

Reliable Power Solutions

Ensuring Business Continuity for Industrial Operations



Industrial

Petrochemical & Manufacturing



Critical Facilities

Healthcare & Data Centers

Backup Power for Critical Processes - 24/7 Reliability

RAMZ Solutions - Powering Your Operations



Power & Energy Systems



Scope of Services

- Diesel generator supply, installation & commissioning
- Automatic transfer switch (ATS) systems
- Synchronization & load sharing systems
- Operation & maintenance (O&M) programs
- Power factor correction & energy optimization



Technologies & Standards

- IEC 60034 & IEEE standards compliance
- SASO electrical safety requirements
- SCADA-based monitoring & control
- Parallel operation & redundancy systems
- Fuel monitoring & consumption optimization



Client Benefits

- ✓ Guaranteed uptime for critical operations
- ✓ Reduced maintenance costs through preventive programs
- ✓ Compliance with SEC & regulatory requirements
- ✓ Expert technical support & rapid response
- ✓ Extended equipment life through proper maintenance

Luxury Hospitality Excellence

Comprehensive MEP Solutions for Five-Star Resorts & Hotels



Fire Safety

Protection Systems



HVAC

Climate Control



Security

ELV Systems

Integrated Solutions for Premium Hospitality Experiences

RAMZ Solutions - Engineering Excellence, Delivering Safety



Solutions & Products

RAMZ

solutions



Fire Suppression Systems

Complete range including sprinklers, deluge systems, and clean agent suppression for critical facilities



Security Platforms

Integrated management combining video surveillance, access control, and intrusion detection



Control Systems

Building Management Systems and PLC-based controls for integrated facility optimization



Air Handling Units

High-efficiency AHUs and fan coil units engineered for Gulf climate with advanced filtration



Generator Sets

Industrial and commercial diesel generators, 30kVA to 3000kVA capacity from leading manufacturers



Maintenance Programs

Comprehensive preventive and corrective maintenance ensuring optimal performance and longevity



Technical Excellence

Engineering Precision for Government & Public Infrastructure Projects



Quality Standards

ISO Certified Processes



Certified Professionals

Licensed Engineers



Proven Methodology

Best Practices

RAMZ Solutions - Engineering Excellence, Delivering Safety

Committed to Excellence in Every Project



Service Lifecycle

Our comprehensive project management approach ensures seamless delivery from initial concept through ongoing maintenance support



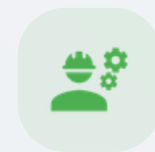
Consultation

Initial assessment & requirements gathering



Design

System architecture & detailed planning



Engineering

Technical calculations & specifications

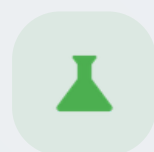


Supply

Procurement & material delivery



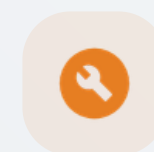
Installation



Testing



Commissioning



Maintenance



Sectors We Serve



Commercial

Office towers, retail centers, mixed-use developments, and corporate facilities requiring integrated building systems



Government

Ministry buildings, public facilities, military installations, and government infrastructure projects



Hospitality

Hotels, resorts, restaurants, and entertainment venues demanding comfort and safety excellence



Industrial

Manufacturing plants, warehouses, processing facilities, and industrial complexes with specialized requirements



Healthcare

Hospitals, medical centers, clinics, and healthcare facilities requiring critical life safety systems



Infrastructure

Airports, seaports, metro systems, utilities, and transportation infrastructure projects



Major Projects

📍 Eastern Province, KSA

Commercial Tower Complex

- ✔ Complete fire protection system
- ✔ **NFPA 13 Compliant** | 25-Story Tower
- ✔ 500+ Sprinkler Heads

📍 Khobar, KSA

Government Facility Security

- ✔ Integrated security systems
- ✔ **ONVIF Compliant** | AI Analytics
- ✔ 200+ Cameras Installed

📍 Dammam, KSA

Hotel Resort Development

- ✔ Complete MEP systems
- ✔ **LEED Certified** | 5-Star Resort
- ✔ 400+ Rooms

📍 Riyadh Region, KSA

Hospital HVAC Installation

- ✔ Central chilled water plant
- ✔ **ASHRAE 170** | 300-Bed Hospital
- ✔ 2000 TR Capacity

📍 Jubail Industrial City

Industrial Power Systems

- ✔ Backup power generation
- ✔ **4x1500kVA** | Synchronized
- ✔ Petrochemical Facility

📍 Al Khobar, KSA

Shopping Mall Complex

- ✔ Fire protection & security
- ✔ **150,000 sqm** | Multi-phase
- ✔ Regional Shopping Center



Technical Capabilities



Engineering & Design

- ✓ In-house CAD/BIM capabilities
- ✓ Hydraulic calculations & modeling
- ✓ Value engineering & cost optimization
- ✓ Coordination with consultants



Installation & Execution

- ✓ Skilled workforce with certifications
- ✓ Modern equipment & tools
- ✓ Project management with milestones
- ✓ Quality control at every stage



Workforce & Expertise

- ✓ Licensed engineers across disciplines
- ✓ Factory-trained technicians
- ✓ Professional development programs
- ✓ Multilingual coordination teams



Quality Assurance


- ✓ ISO-aligned quality management
- ✓ Third-party inspection & certification
- ✓ Comprehensive testing protocols
- ✓ Documentation & handover packages



Partners & Certifications


Standards & Compliance


 **NFPA**
Fire Protection Association

 **SASO**
Saudi Standards Organization

 **ASHRAE**
Heating Engineers Society

 **SBC**
Saudi Building Code


 **IEC**
Electrotechnical Commission


 **IEEE**
Electrical Engineers Society


 **Civil Defense**
Saudi Fire Safety Requirements

 **SEC**
Electricity Company Regulations

Quality Management

 **ISO 9001**
Quality Management System

 **ISO 14001**
Environmental Management System

 **ISO 45001**
Occupational Health & Safety



Strategic Partnerships

We maintain strategic partnerships with leading global manufacturers and technology providers, ensuring access to cutting-edge equipment and technical support.



ASHRAE

SBC

ONVIF



SAMA



ترشيد
tarshid



فمكو
FMCO

بروكيورنت
ProcureNet



NESMA
UNITED INDUSTRIES



سنا للسياحة
SANA TOURISM

الخزائن المبتكرة
creative closets



الفلاح لتأجير السيارات
AL-FALAH CAR RENTAL



عالم الخزائن
CLOSETS WORLD

مازنه الفزيم
للاستثمار العقاري



ASH Cables
كابلات الشرقية
Asharqiyah Cables



شركة ديم للفحص المحدودة
Deem Inspection Company Ltd.



BRITAM
ARABIA
بريتام العربية
FIRE & RESCUE

بايوني
Bayouni



ارتكاز
ARTIKAZ TRANSPORT COMPANY
شركة ارتكاز للنقل



مفروشات الرقيب
ALRUGATE FURNITURE

القشمي
Guthmi

Our partnership with

The logo for VIKING, featuring the word "VIKING" in a bold, blue, sans-serif font. A blue water droplet is integrated into the letter "G".The logo for FirePro., with "Fire" in red and "Pro." in black, all in a bold, sans-serif font.The logo for Defender, featuring a blue circle with a white "D" inside, followed by the word "Defender" in a bold, blue, sans-serif font.The logo for EATON COOPER, with "EATON" in blue and "COOPER" in black, both in bold, sans-serif fonts. A red diagonal line is positioned between the two words.

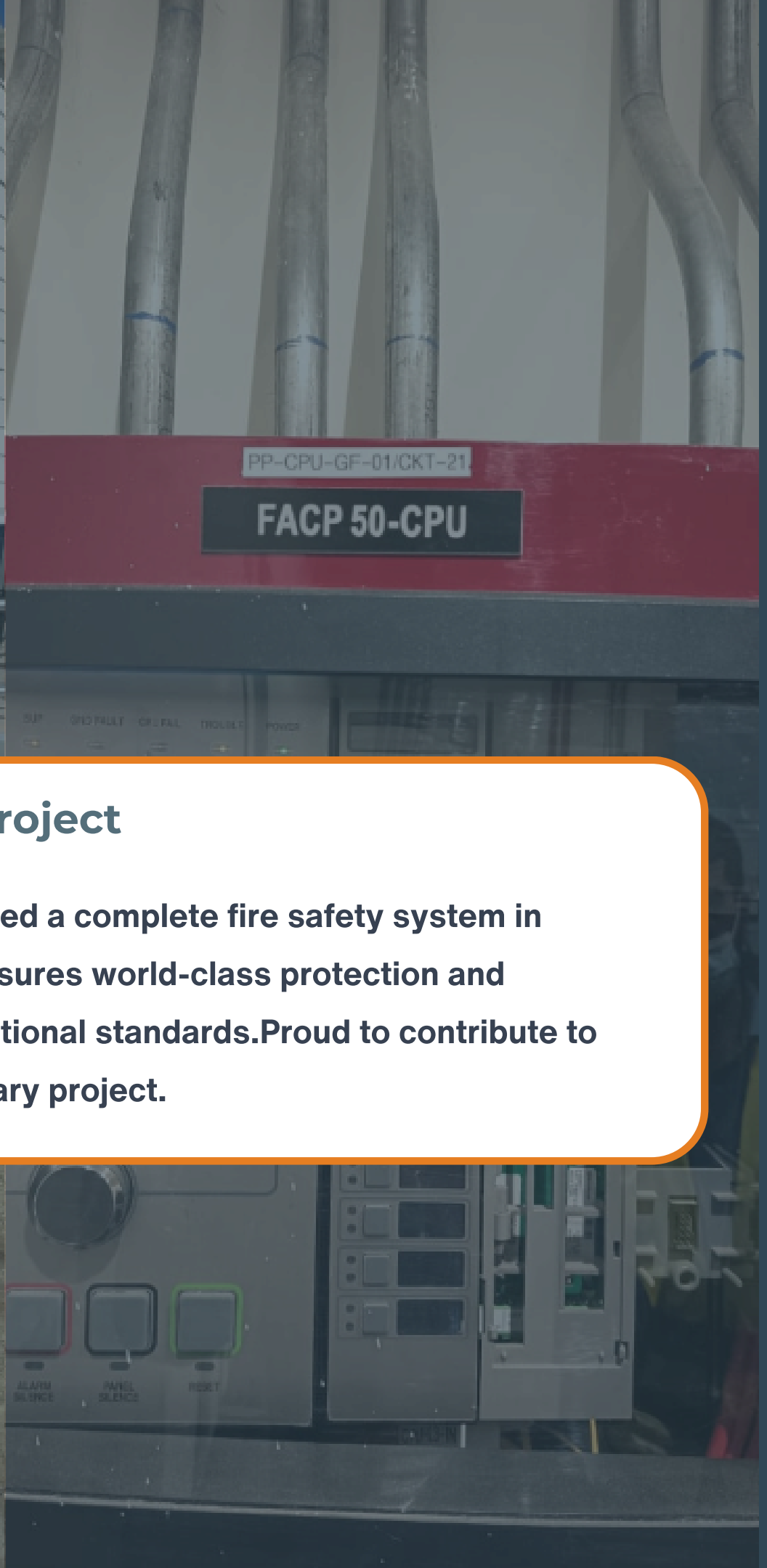
EGPC

The logo for Simplex, featuring a red stylized "S" icon followed by the word "Simplex" in a bold, black, sans-serif font.The logo for ANSUL, with a blue square icon containing a white stylized "A" followed by "ANSUL" in a bold, blue, sans-serif font. Below it, the tagline "Innovative Fire Solutions" is written in a smaller, blue, italicized font.The logo for HOCHIKI, featuring a red and black stylized "H" icon followed by the word "HOCHIKI" in a bold, black, sans-serif font.The logo for tyco, with the word "tyco" in a bold, blue, italicized, sans-serif font.



NEOM PUBLIC SAFETY

RAMZ
solution



 **NEOM CITY Project**

We successfully delivered a complete fire safety system in NEOM City. Our work ensures world-class protection and compliance with international standards. Proud to contribute to the safety of this visionary project.



ناپكو الوطنية
napco national

RAMZ

solution



Napco National

We successfully supplied and installed a full fire safety system at Napco National. This included alarm systems, fire extinguishing solutions, and pump installation. Proud to enhance safety standards for such a leading industrial group.



Nesma Real Estate
نسما العقارية للتنمية

RAMZ
solution



Nesma- Atheeb

We supplied and installed a complete fire safety system at Atheeb Nesma Village. This included alarm systems, UL fire pumps, and extinguishing solutions. Proud to strengthen safety standards in this community project.



رضوان
جمعية رضوان الخيرية



RAMZ

solution



Al-Ridwan

We supplied and installed fire extinguishing and alarm systems for six warehouses.



Al-Khobar Plaza

We carried out maintenance for the cooling and package systems. We also ensured proper servicing of the ventilation system to keep operations efficient. This work reflects our commitment to reliable facility safety and comfort.





 **CEER- Riyadh**

Routine inspections, comprehensive testing, and 24/7 emergency repairs of FLS infrastructure to ensure continuous protection.



mbc
STUDIOS



RAMZ
solution



MBC Studios- Riyadh

Routine inspections, comprehensive testing, and 24/7 emergency repairs of FLS infrastructure to ensure continuous protection.



Qiddiya

We successfully executed O&M services for diesel generators in Al Qiddiya. Delivering reliable power solutions with operational excellence.



 **golf course riyadh saudi arabia**

**We successfully executed O&M services for diesel generators.
Delivering reliable power solutions with operational excellence.**





King Abdulaziz Air Base Dhahran

We successfully executed O&M services for diesel generators.
Delivering reliable power solutions with operational excellence.



Value Proposition

RAMZ

solutions



Certified Expertise

- ✓ NFPA, ASHRAE & manufacturer certifications
- ✓ Licensed engineering professionals
- ✓ Regional expertise & knowledge



Sustainable Solutions

- ✓ Energy-efficient systems & technologies
- ✓ Aligned with Saudi Vision 2030 goals
- ✓ Environmentally responsible practices



Proven Track Record

- ✓ 100+ projects completed successfully
- ✓ Diverse sector experience
- ✓ Satisfied government & commercial clients



Long-term Partnership

- ✓ Responsive support & maintenance
- ✓ Transparent communication



Quality Assurance

- ✓ Rigorous quality control processes
- ✓ Third-party inspections & certification



Lifecycle Support

- ✓ Complete support from consultation to maintenance
- ✓ Optimal system performance guaranteed

Building Tomorrow's Infrastructure

Your Trusted Partner for Saudi Arabia's Future Development



Innovation

Advanced Solutions



Excellence

Quality Standards



Partnership

Long-term Commitment



Contact Us

Engineering Excellence, Delivering Safety



Get In Touch



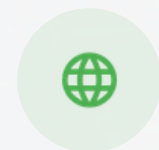
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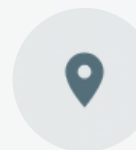


Website

www.ramzff.com



Head Office



Address

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"We welcome the opportunity to discuss your project requirements and demonstrate how RAMZ Solutions can deliver exceptional value for your organization."