

**Your Partner in Fire Safety Excellence —
Protecting People, Property & Compliance**



FireCore International (FCI)

**Comprehensive Fire Protection Solutions –
Fire Safety System Inspection, Review,
Assessment & Certification | Testing &
Commissioning of Fire Systems**



www.firecoreinternational.com

FIRE PROTECTION | PROCESS SAFETY | TRAININGS | FIELD SERVICES

About Us:

FireCore International (FCI) operates as an independent consultancy firm with a focus on fire protection engineering, technical safety, and emergency preparedness. Our team serves a broad range of clients across the Middle East, and the US and Canada Region.

Who We Are:

We are a diverse and specialized team made up of engineers in fire protection, mechanical, electrical, industrial, chemical, and safety disciplines. Additionally, our team includes experts in process safety, environmental management, HSE training, and technical systems.

We deliver projects on both regional and global scales.



Our Approach:

We deliver effective and practical solutions by applying innovative engineering practices tailored to real-world challenges. Working closely with client engineering teams as one integrated unit, we provide back-end engineering support that enhances internal capabilities. From the RFQ stage through to final engineering deliverables, our focus is on enabling the client to optimize operations, scale efficiency, and generate added value from within.

Our Vision:

To be a trusted engineering partner in fire protection and safety—enabling clients through practical, value-driven solutions, while actively advancing industry knowledge and professional development.

Our People:

Our strength lies in our people. By continuously supporting their growth and fostering long-term careers, we ensure the consistent delivery of high-quality services that meet & exceed client expectations



Services we offer :

Process Safety Process Safety and Risk Assessment Services:
We provide end-to-end process safety solutions—from HAZID and HAZOP to QRA, LOPA, and SIL—ensuring compliance, resilience, and safety at every stage. Our expertise spans PSSR, PSM frameworks, FERA, and EERA to strengthen operations and emergency preparedness.



HAZID: Hazard Identification



HAZOD: Hazard & Operability



LOPA: Layers of Protection



SIL: Safety Integrity Level



QRA: Quantitative Risk Assessment



PSSR: Pre-Startup Safety Review



PSM: Hazard Identification



FERA: Fire & Explosion Risk Assessment



EERA: Emergency Evacuation Rescue Analysis



Services we offer :

Fire Protection Engineering Services:

We provide end-to-end process safety solutions—from HAZID and HAZOP to QRA, LOPA, and SIL—ensuring compliance, resilience, and safety at every stage. Our expertise spans PSSR, PSM frameworks, FERA, and EERA to strengthen operations and emergency preparedness.



Pre-engineered & Special Hazard Extinguishing Systems



Smoke Control, CFD, & Evacuation Modelling



Fire Zone Calculations and Layout Design



Sizing Fire Water Pumps & Storage Tanks



Peer Review & Third-Party Plan Review



Firewater and foam system design



Firewater Demand Calculations



Fire Alarm System Design



Code Consulting &
Performance-based
Design



Services we offer :

Health, Safety, Security Training Services:

We deliver accredited training programs that build competency across all organizational levels, covering fire safety, emergency response, first aid, and high-risk operations. Specialized modules on behavioral safety, workplace violence prevention, and permit-to-work systems ensure confident and compliant performance



First Aid and CPR Training



Permit to work & Safe System of Work Training



Emergency Evacuation & Response Training



Working at Heights & Fall Protection



Workplace Violence Prevention



Site Safety: Orientation & Induction



Manual Handling & Ergonomics



Electrical Safety & Arc Flash Awareness



Machine Guarding &
Equipment Safety



Services we offer :

Quality, Health, Safety, Security & Environment Assessment & Training Services:

We provide QHSSE consulting to ensure compliance, reduce risk, and foster a culture of safety and environmental responsibility. Our services include ISO system implementation, GAP analysis, audits, investigations, impact assessments, and monitoring for full-spectrum compliance.



Management System Services (ISO 9001: 2015, ISO 45001: 2018)



GAP Analysis (Health, Safety, Environment)



Incident/Accident Investigation



Workplace Equipment Safety Inspection (IEE)



Initial Environmental Examination (IEE)



Environmental Impact Assessment



Compliance Audits



Air & Noise Monitoring



Contractor/Supplier
(Health & Safety Management)



Services we offer :

Health, Safety, Security Training Services:

We deliver accredited training programs that build competency across all organizational levels, covering fire safety, emergency response, first aid, and high-risk operations. Specialized modules on behavioral safety, workplace violence prevention, and permit-to-work systems ensure confident and compliant performance



First Aid and CPR Training



Permit to work & Safe System of Work Training



Emergency Evacuation & Response Training



Working at Heights & Fall Protection



Workplace Violence Prevention



Site Safety: Orientation & Induction



Manual Handling & Ergonomics



Electrical Safety & Arc Flash Awareness



Machine Guarding & Equipment Safety



Services we offer :

Field Services

Our field services deliver on-site inspections, system assessments, and third-party certifications to ensure fire protection systems perform reliably. From testing and commissioning to enclosure integrity tests, we secure mission-critical facilities with verified readiness from day one.



Testing & Commissioning of Fire Systems



Enclosure Integrity Test



Fire Safety System Inspection, Review,
Assessment & Certification



Markets & Projects:

Our team has successfully delivered engineering, safety, and risk management services for a wide range of clients across high-risk, technically demanding industries. While many of our engagements are governed by strict non-disclosure agreements, our portfolio includes work in the following sectors:



Oil & Gas (Upstream, Midstream, Downstream)



Healthcare, Data Centres & Mission-Critical Facilities



Commercial Complexes & Mixed-Use Developments



Industrial and Manufacturing



Petrochemicals & Chemical Processing



Ports, Aviation & Transport Hubs



Markets & Projects:

We have extensive experience providing engineering, safety, and risk management services across high-risk, technically demanding industries. Our portfolio covers sectors such as oil & gas, petrochemical, power, defense, infrastructure, healthcare, data centers, transport, and commercial facilities.



Engineer fire protection systems in line with NFPA, SBA, IBC, SAIS (formally HCIS) & Aramco SAES



Deliver high-level process safety assessments including HAZOP, QRA & SIL



Provide ISO-complaint QHSSE assessments & audits across complex, multi-site operations



Execute large-scale HSE training and competency programs



Support third-party reviews, inspections, and system commissioning





FireCore International (FCI)

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