



FIRE AFRICA

WWW.FIRE-AFRICA.CO.ZA



65 YEARS EXPERIENCE

ABOUT US

Fire Africa is a fire risk management company focused on African markets and industries. In addition to conventional solutions, we are specialists in water and foam misting systems and we are Original Equipment Manufacturers (OEM) of automated fire detection and suppression systems, both fixed and mobile. Our solutions are engineered for African environments. We align systems and solutions to client specifications and requirements, whilst satisfying or surpassing applicable standards and codes.



WHY CHOOSE US:

At Fire Africa, we specialize in the design, installation, and maintenance of fire misting systems, continuously striving to enhance and refine our technology to meet the evolving needs of fire protection. By leveraging the latest advancements in fire suppression technology, we ensure that our systems provide the highest level of safety, efficiency, and environmental sustainability. Our commitment to innovation, coupled with years of industry expertise, positions us as a trusted leader in the field, delivering tailored solutions that protect lives, assets, and environments across Africa.

**65 YEARS OF EXPERTISE
& SPECIALIZATION**

**COMMITMENT TO
COMPLIANCE & QUALITY**

COMPETITIVE PRICING

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FIRE AFRICA

WHAT WE DO?



CONSULTING



NEW INSTALLATIONS



SERVICING

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1.



CONSULTING

Fire Africa (Pty) Ltd specialise in providing comprehensive services tailored to meet your needs. From meticulous risk assessments to thorough site audits, we leave no stone unturned in ensuring your premises are compliant. Our expertise extends to projects facilitation, where we guide you through every step of the process with efficiency and precision. Whether you require in-depth analysis, on-site evaluations, or seamless project management, our team is dedicated to delivering top-tier solutions that prioritize your safety and peace of mind.

2.



NEW INSTALLATION

Our expertise encompasses a wide array of fire protection installations tailored to your specific needs. We offer "Total Fire Spectrum of Services", from sprinklers systems including tanks and pumps, total flooding systems, detection to water and foam mist installations etc. We specialize in designing and implementing cutting-edge solutions to safeguard your property. We deploy certified and highly skilled experienced installation teams, each specialized in their respective fields of expertise, ensuring precision and proficiency in every aspect of our work. Each installation is completed, commissioned, certified and handed over with all applicable documentation and related on-site

3.



SERVICING

We conduct regular maintenance services, service level agreements (SLA's) tailored to the specifications, requirements, and regulatory standards of your fire systems. Our offerings include monthly, quarterly, bi and annual servicing to uphold the integrity and functionality of your systems. Following each service, we furnish clients with professional reports and comprehensive registers detailing the maintenance performed as legislated, ensuring transparency and compliance with industry standards.

OUR SERVICES

Fire Inspection & Reporting

Our Fire Inspection & Reporting services offers thorough evaluations of fire safety systems, providing detailed reports that ensure compliance with regulations and identify areas for improvement to enhance overall safety.

Fire Engineering

Industry, Mines, Plant & Special Risk Fire Protection. Review existing systems and design special risk applications e.g. Transformers, Conveyors, Hydraulic Packs, Gensets etc. Professional Engineering reviews, designs, installations and sign off's (PhD Pr. Eng) - ECSA Registered.



Project Management

Our Fire Service Project Management ensures execution of fire safety projects from inception to completion. We oversee every aspect, including planning, coordination, and implementation, to deliver project on time, within budget, and to the highest safety standards.

National Building Regulations

We ensure your projects comply with all relevant building codes and fire safety standards, offering expert advice and assessments to guarantee legal compliance and safety from inception till handover.



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OUR VALUES

At Fire Africa, we hold steadfast to a set of core values designed to professionally ensure that our clients receive nothing less than exemplary service.

Ethical conduct lies at the heart of our operations, guiding every decision and interaction to uphold the highest standards of integrity and trustworthiness. Transparency is paramount, we believe in open communication and clarity throughout every stage of our engagements, ensuring that clients are well-informed and empowered to make confident decisions. Professionalism is ingrained in everything we do, from our rigorous training and qualifications to our meticulous attention to detail in every project. We are committed to delivering not just satisfactory results, but excellence in all aspects of our work, prioritizing safety, efficiency, and effectiveness. Our dedication to these values ensures that clients not only receive exceptional service but also experience peace of mind knowing that their fire safety needs are being handled with the utmost care and professionalism.

PROFESSIONAL

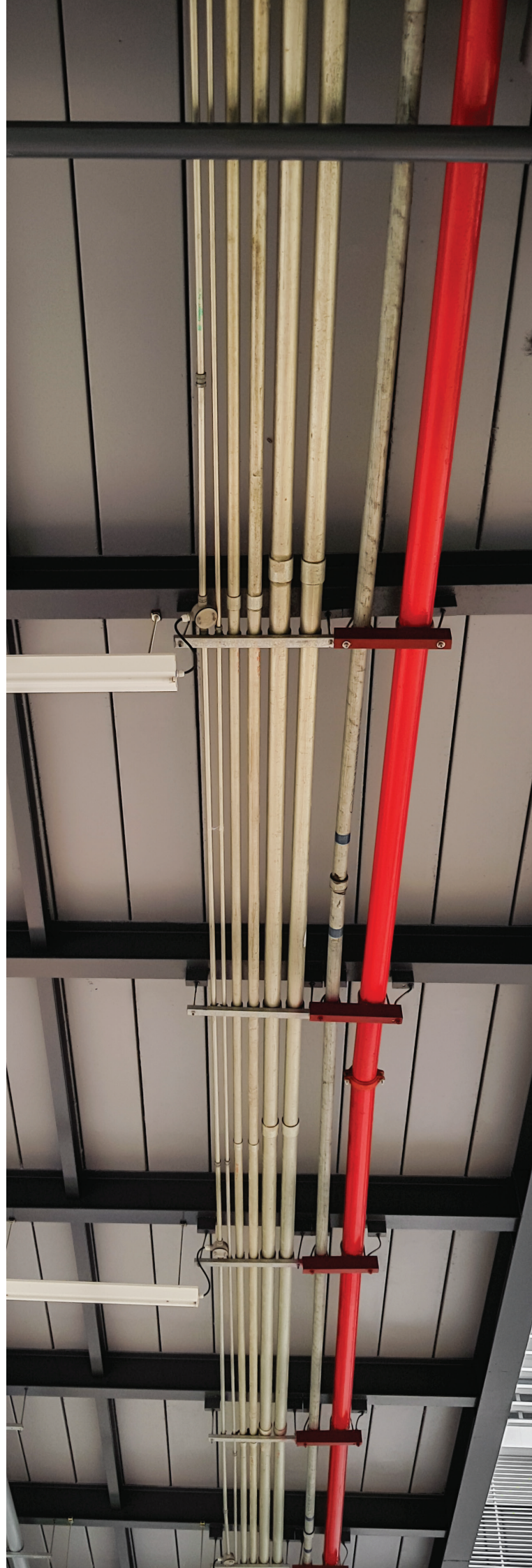
At Fire Africa, professionalism is not just a value - It's our Foundation.

ETHICAL CONDUCT

At Fire Africa, ethical conduct is the cornerstone of our company's ethos.

COMPETENT

At Fire Africa, the sole of our identity is competence.



FIRE AFRICA

WHY CHOOSE US?



COMPETITIVE
PRICING



EXPERTISE AND
SPECIALIZATION



COMMITMENT TO
COMPLIANCE & QUALITY

By choosing Fire Africa as your fire company, you can rest assured that you're investing in superior quality, reliability, and expertise backed by competitive pricing and the use of tier one approved components.

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1. COMPETITIVE PRICING

We offer competitive pricing without compromising on quality or safety. Our commitment to providing cost-effective solutions means you get exceptional value for your investment, ensuring that your fire safety needs are met without exceeding your budget.


2. EXPERTISE & SPECIALIZATION

As a dedicated team, we offer combined more than 65 years of specialized expertise in all aspects of fire safety, from risk assessments to installation, maintenance, and compliance. Our team comprises seasoned professionals with extensive training and experience, ensuring that clients receive top-tier service and solutions tailored to their specific needs.


3. COMMITMENT TO COMPLIANCE & QUALITY

We prioritize compliance with industry legislation, regulations and standards, ensuring that all our services meet the necessary requirements. Whether it's conducting regular maintenance or installing new fire protection systems, we adhere to the highest quality standards to assure the safety and security of your property.

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OUR SOLUTIONS



Cabinet Shield

The Cabinet Shield system is engineered for fire suppression in small, unoccupied, and defined-volume enclosures. It utilizes an integrated, single-method system for both detection and extinguishing agent delivery, ensuring immediate and localized suppression of fire at its source. The system comprises a cylinder containing Novec 1230™ clean agent and specialized linear heat detection tubing. When exposed to elevated temperatures, the tubing ruptures at the hottest point, discharging the clean agent precisely where it's needed.

Furthermore, Cabinet Shield can be integrated with a Fire Alarm Control Panel (FACP), allowing fire events to be signalled and monitored as part of a centralized fire detection and alarm system.



Localised Suppression System

Fire Africa's Localised Suppression System (LSS) is expertly engineered to provide targeted fire protection for critical production and industrial equipment that is vulnerable to overheating or ignition. This system delivers rapid, pinpoint suppression directly at high-risk components, ensuring fires are extinguished before they can spread and cause significant damage or operational downtime.

The LSS is ideal for safeguarding key assets such as transformers, generators, hydraulic power packs, and fuel storage tanks. It is also particularly effective for conveyor belt systems, especially in known hazard zones

such as the tail, head, and tensioner pulleys, where friction, mechanical failure, and material buildup increase the likelihood of fire. By detecting and suppressing fire at its point of origin, Fire Africa's LSS minimizes damage, protects surrounding infrastructure, and enhances on-site safety. Each system is custom-configured to suit the specific equipment and operational risks, while ensuring full compliance with industry safety standards.

With a focus on reliability, speed, and precision, Fire Africa's Localised Suppression System is a smart and proactive solution for protecting both assets and personnel in high-risk industrial environments.



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FIRE AFRICA OUR SOLUTIONS



Vehicle Suppression System

Fire Africa's Vehicle Suppression System (VSS) is specifically engineered to safeguard high-value mining and industrial vehicles—such as charge cars, haul trucks, and tippers—that operate under extreme and hazardous conditions. These environments pose a constant fire risk due to the combination of heat, flammable materials, mechanical friction, and heavy-duty operations.

Our VSS is designed to detect and suppress fires rapidly at their source, minimizing damage to critical equipment and significantly reducing downtime. By protecting these essential assets, we help ensure operational continuity and reduce costly equipment losses.

To further enhance safety, Fire Africa strongly recommends the installation of a cabin water mist suppression system. This added layer of protection is crucial in safeguarding human life, as it works to suppress fire and reduce heat and smoke within the operator's cabin—providing critical time for personnel to evacuate safely.

With a focus on reliability, performance, and compliance with international safety standards, Fire Africa delivers a comprehensive solution that protects both lives and machinery in the toughest working environments.



(LSS) Containerised Equipment

Fire Africa offers advanced misting systems designed to protect all types of containerized equipment, with each system carefully selected and configured based on the specific fire risk classification of the environment. These high-efficiency systems provide rapid cooling and fire suppression while minimizing water usage and equipment damage.

In addition to misting solutions, we provide gas suppression systems engineered for the protection of sensitive electrical equipment and control cabinets, where water-based systems may not be suitable.

These systems are ideal for data centers, switch gear rooms, control panels, and other environments where rapid, residue-free fire suppression is essential.

Our offerings include a range of scalable solutions, tailored to the level of enclosure and application—from total flooding systems that saturate an entire protected space to in-cabinet suppression systems that address localized threats within enclosed units.

Every solution is designed to deliver maximum safety, reliability, and compliance with both local and international fire safety standards, ensuring peace of mind and uninterrupted operation for our clients.

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OUR SOLUTIONS



Special Risk

Special risk refers to the targeted management of fire hazards that fall outside the scope of standard building systems, particularly in high-risk, high-value areas. Within the heavy industry and mining sectors, special risks often include conveyor belts and material handling systems—equipment that features numerous high-risk ignition points due to friction, overheating, and mechanical failure. These areas are especially vulnerable and require focused solutions to detect and suppress fires before they can escalate.

To manage these hazards, we deploy both conventional and localized systems tailored to the demands of the risk.

This may include conventional tanks, pumps and deluge systems for broader area coverage, or localized suppression systems designed for specific equipment or risk. Localized systems typically incorporate linear heat or flame detection integrated with fast-acting suppression initiation. This layered approach ensures rapid response, minimizes operational downtime, and enhances overall fire resilience in mission-critical zones.



Sprinklers, Pumps, Tanks & Deluge

In any effective fire protection strategy, the right combination of water-based systems is critical to ensure rapid suppression and minimize damage. We specialize in the design, installation, and maintenance of fully integrated fire protection solutions — including sprinkler systems, fire pumps, water storage tanks, and deluge systems tailored to meet the demands of both conventional and high-risk environments.

From design and hydraulic calculations to installation, commissioning, and ongoing maintenance, we deliver turnkey fire protection systems that are robust, code-compliant, and built to perform under the most demanding conditions.



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OUR SOLUTIONS



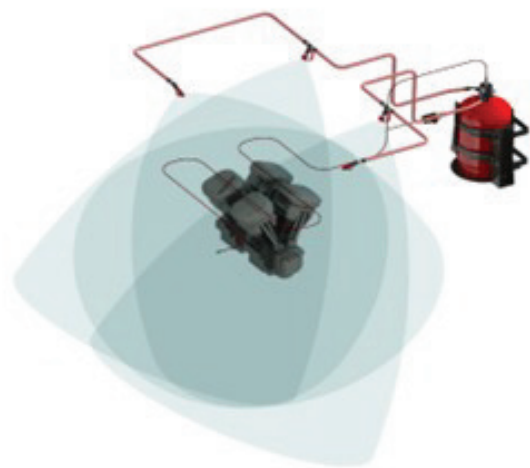
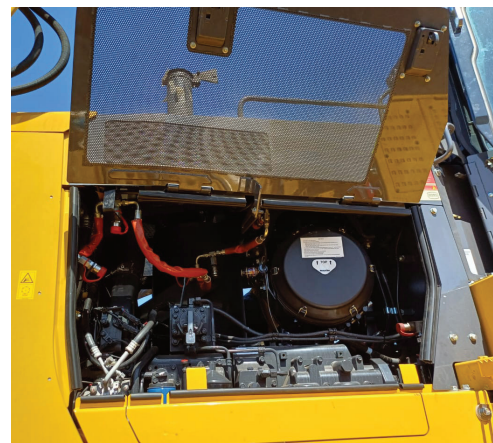
(TSS) Tri-Fluid Spray In-Rack System

Fire Africa (Pty) Ltd specializes in advanced fire suppression solutions, tailored to protect a wide range of containerized equipment across various industries. Our misting systems are designed to address specific fire risk classifications, ensuring targeted, efficient, and environmentally responsible suppression.

We also offer high-performance gas suppression systems specifically engineered for sensitive electrical equipment and enclosures. These systems are ideal for protecting critical infrastructure, such as server racks, control panels, and electrical cabinets, where traditional suppression methods may not be suitable.

Depending on the configuration and level of enclosure, Fire Africa provides both total flooding systems—which saturate the entire protected space—and in-cabinet suppression systems, which activate directly within the cabinet at the source of ignition.

Our solutions are developed with a strong focus on safety, reliability, and compliance with local and international fire safety standards, giving clients peace of mind that their assets are protected with the latest in fire suppression technology.



**WE SPECIALISE IN PROVIDING
COMPREHENSIVE SERVICE**
Tailored to Meet Your Needs



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FIRE AFRICA ASSOCIATED PARTNERS

Companies and Institutions we are associated to partner with / Legislatively Comply to:



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