ALFA FIRE
Total Fire Solutions

2024

COMPANY PROFILE

Our extensive portfolio of products/services caters to the diverse needs of our clients across various industries



CONTACT US

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BASIC INFORMATION

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Email: info@alfafire.co.za
Website: http://alfafire.co.za

AWARD WINNING SERVICE

Our award-winning service is attributed to our excellence in delivering top-notch work within stipulated timelines and financial constraints. Our extensive experience, coupled with transparent communication, efficient administration, meticulous planning, and the establishment of strong working relationships, form the backbone of our project management approach

MISSION

ALFA FIRE (Pty) Ltd Manages, Designs, Supplies, Installs and Refurbishes portable fire equipment, Fire Detection, Fire Suppression and Gas Suppression for any size project and site. We offer comprehensive, reliable and cost-effective solutions to meet your Fire & Safety Protection needs.

THE VISION

At Alfa Fire, safety is not just our business—it's our purpose. We strive to make the world a safer place, one solution at a time.

PROUDLY SOUTH AFRICAN BUY LOCAL SUMMIT AND EXPO

SACAS

BBBEE LEVEL 2 CONTRIBUTOR

S.A.Q.C.C. FIRE

PROTECTION ASSOCIA OF SOUTHERN AFRICA

ABOUT US

ALFA FIRE TOTAL FIRE SOLUTIONS was established in 2018 by a core team of four founders. Our solutions are meticulously crafted through the utilization of proprietary intellectual property and the integration of standard off-the-shelf components into customized system solutions.





Operating primarily in South Africa, our headquarters in Middelburg, Mpumalanga, cater to clients across all provinces, with satellite stations strategically positioned near ongoing projects. We take pride in being a fully SANS (South African National Standards) certified company (SACAS Accredited), offering a spectrum of services including emergency fire response, comprehensive maintenance and testing, and a variety of SABS-approved products and services.



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Meeting Your Fire Equipment Needs. Together.

FOCUS AREAS

Requirements for Existing Buildings & Construction Sites:
Specializes in fire safety for existing buildings and construction sites, ensuring compliance with safety reports, safety plans, and continuous monitoring.

Rational Fire Designs & Plans:
Offers rational fire designs, plans, and approvals for effective fire safety and prevention mechanisms in line with National Building Regulations 10400.

Project Management Practice:
Ensures timely delivery of projects through project management practices, including weekly project progress reports, time management charts, quality control, and adherence to procurement policies and procedures.

Management of Project & Operations:
Manages projects and operations efficiently, focusing on client liaison to meet their specific needs and maintain high standards of service delivery.

WHY CHOOSE US?

- Specialized services in fire, smoke, and heat detection systems compliant with SANS 10139 and 322 standards.
- Expertise in hydrant and hose reel systems for effective fire suppression.
- Proficiency in aspirating detection through air sampling technology.
- Experience in designing and installing gas suppression systems for enhanced safety.
- Knowledge in smoke vents installation for efficient smoke management.
- Capability in installing fire doors and smoke screens for improved fire protection measures.

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Working Together to Meet Your Fire Safety Requirements

WHAT WE OFFER

- Emergency Procedure Plans
- Linear Heat Detection
- Beam Detection
- Aspirating Detection (air sampling)
- Smoke Extraction Systems
- GASEOUS FIRE SUPPRESSION
- Emergency Procedure Plans
- FM200 (chemical)
- C02 (non-human friendly)
- Pyroshield (clean agent)
- Novec 1230 (clean agent)

OUR SERVICE

- Basic Fire Training
- Fire Marshall Training
- Evacuation Drills
- Evacuation Plans
- Fire Consulting
- OHS Audits and Risk Assessments Staff training
- New Installation and Design

OUR PRODUCTS

- Emergency Warning Systems
- Aspirated Detection Systems
- Fire Extinguishers
- Hose Reels
- Hydrant Valves
- Boosters
- Fire Blankets
- Regulation Fire First Aid Kits
- Chemical and Oil Spill Kits
- Emergency Lighting
- Hydrant and Hose Reel Reticulation systems

SCOPE OF SERVICE

& comprehensive range of fire safety solutions

QUALITY SYSTEM

ALFA FIRE offers a wide range of fire and generalized asset protection services, we provide modern solutions backed by real world industry experience with a focus on customer service and protecting people and property.





ANNUAL MAINTENANCE / INSPECTION

Maintenance of Fire Protection Systems & Equipment are checked every 6/12 Months by one of our experienced and qualified SAQCC Technicians. Technicians will conduct scheduled Maintenance of all types of fixed or portable fire equipment to ensure that they are always fully operational and compliant.
All Fire Equipment will be checked and serviced onsite. However, if defaults arise during inspection, the handheld equipment will be moved to our SANS 1475 accredited workshop for further inspection.
Every client will receive a SANS 1475 Certificate of Service for the newly completed service of the equipment.

FIRE SAFETY SOLUTIONS

1. Fire Equipment Maintenance and New Supply/Installation: We ensure that all fire equipment is meticulously maintained and promptly replaced when needed.
2. Fire Alarms and Detectors: Our cutting-edge fire alarm systems provide early detection, minimizing risks and safeguarding properties.
3. Building and Vehicle Fire Suppression Systems: We design and install advanced fire suppression systems tailored to the unique needs of buildings and vehicles.
4. Mine Safety Equipment and Vehicle PDS/CPS Systems: Alfa Fire prioritizes safety in mining environments, offering specialized equipment and vehicle protection systems.
5. Medical and First Aid Equipment: We recognize the critical role of medical equipment in emergency situations, and we provide top-quality solutions.

CONTINUED SOLUTIONS

1. Advertising, Safety, Information, and Traffic Signs (ABS/PLV/CHR): Our signage solutions promote safety, convey essential information, and guide traffic effectively.
2. New Fire Water Line Installations: We establish reliable fire water lines to enhance firefighting capabilities.
3. Basic Fire Extinguisher Training (Onsite): Alfa Fire empowers individuals with essential fire safety knowledge through customized training programs.
4. DAVIS Weather and BOLTEK Lightning Advanced Warning Systems: We integrate cutting-edge weather monitoring systems to enhance preparedness.
5. Site Compliancy Services: Our experts ensure that your site adheres to safety regulations and standards.

FIRE ALARMS DETECTION DESIGN AND CONSTRUCTION





We offer a range of services for Early Warning Fire Alarm Systems, including creation, provision, placement, and activation. Additionally, we provide maintenance checks every 3 to 6 months to ensure the ongoing safety of existing systems.

- Project Management
- Workplace Health and Safety documentation.
- Project documentation including programs, QA documents and project reports as build constructed drawings
- Operation and maintenance manuals,
- Commissioning data.



Commissioning & Training on Fire Alarms/Detection

At the end of each project, we liaise with you, your consultants and fire engineers, to arrange systems testing, commissioning and Training. As part of the service, you will receive compliance certification and supporting documentation including 'as constructed' drawings.

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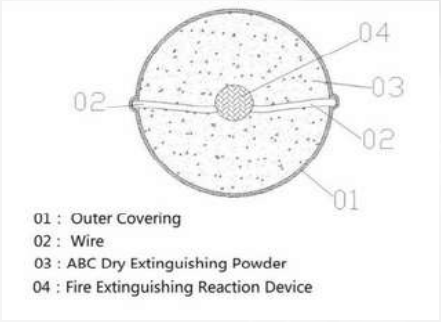
Alfa Fire Extinguisher Ball

The Fireball is a self-activating, drop proof Fire Extinguisher in a ball. An Affordable Solution for Virtually Any Fire Situation or Scenario. The Fireball can also assist as a fire Suppression Device. Very Cost Effective, efficient and sustainable. If unused and stored correctly, each unit can last 5 years. (Maintenance Free).

3 - 5 seconds
The fireball is a self-activating fire suppression device. It automatically activates within 3 - 5 seconds when in contact with a naked flame.

Multi-Purpose Fire Protection
The fireball's environmentally friendly dry chemical power extinguishes 3 main classes (class A, B & C) of fire and is ideal for any type of suppression scenario.







Safe & Portable
The fireball is safe and lightweight. Weighing only 1.3kg it makes it easy to store and usable by anyone.

No Services or Maintenance
Over the Fireball's 5yr warranty period, it does not require any servicing or maintenance, which in turn saves you money.
It has a lifespan of 5 years. If not used in 5 years, it needs replacing.

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WEATHER/LIGHTENING WARNING SYSTEMS

DAVIS & BOLTEK Systems: (Certified Supplier & Calibrations)



DAVIS: a weather station designed for industrial use, capable of withstanding the toughest conditions while consistently providing precise scientific data. This reliable device offers a variety of sensors and options, wirelessly monitoring weather conditions including wind, barometric pressure, and humidity. It also delivers accurate weather forecasts and updates continuously to ensure up-to-date information.

Moon Phase | UV* | Solar Radiation* | ET* | THSW Index* | Barometric Pressure | Rainfall & Rain Rate | Historical Graphing | Forecast

Weather Stations Tailored to Your Need

Inside & Outside Temperature | Inside & Outside Humidity | Dew Point | Wind Speed & Direction | Wind Chill & Heat Index | Moon Phase | UV* | Solar Radiation* | ET* | Rainfall & Rain Rate

BOLTEK
LIGHTNING ALERTING SYSTEMS



BOLTEK: Accurately monitors incoming lightning storms and automatically warns of unsafe conditions by measuring static percentage in the air and relaying that to onsite personnel. For comprehensive short-range detection, our convenient kits contain all the essential components for establishing a lightning detection system, eliminating the need to guess which accessories are needed. The Boltek kits are fully equipped to help you start immediately without the requirement of purchasing additional accessories.

AUTOMATIC / MANUAL FIRE SUPPRESSION SYSTEMS

ANSUL VEHICLE FIRE SUPPRESSION SYSTEMS



The Ansul Vehicle Fire Suppression Systems has the latest technology in automated vehicle Fire Suppression Technology. The fully monitored automatic detection systems we not only monitor the system 24/7 but also record the last 5000 events.
Supply, Install, Certificates Supplied & 3/6 Month Service

VEHICLE “FIREMATIC” UNIT: (CERTIFIED INSTALLERS)

The Firematic Vehicle system is a pre-engineered Dry Powder, foam and combo vehicle fire suppression systems offering complete automatic fire detection & suppression.
The Dry Powder vehicle fire suppression system can be complemented with a Liquid System to reduce the risk of reigniting. The system employs specifically designed valve and nozzle technology to provide excellent fire protection performance for On Road & Off-Road vehicles.
- Supply, Install, Certificates Supplied & 3/6 Month Service









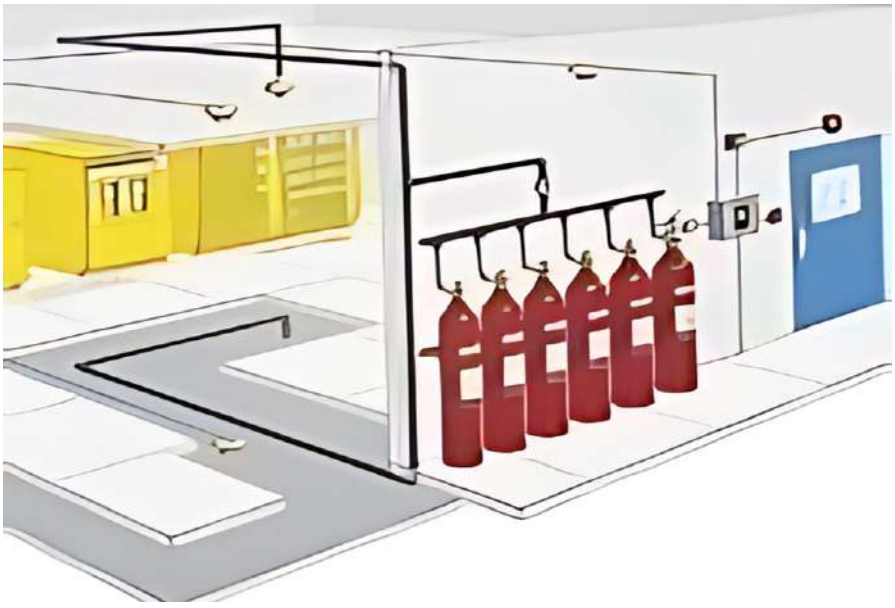
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SUBSTATION/ SERVER ROOM/ KITCHEN/ BUILDING SUPPRESSION SYSTEMS

ABOUT THE SYSTEMS

Automatic fire suppression systems automatically extinguish a fire, immediately protecting one of the most expensive and valuable areas in the building for many businesses.



Automatic fire suppression systems are valuable not only for safeguarding essential equipment and data but also for protecting hazardous materials or critical areas. We provide supply, installation, certification, and 3/6/12-month servicing.

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SAFETY SIGNS









Fire safety signs play a critical role by signaling the whereabouts of firefighting equipment. Ensuring all buildings have directional safety signs is essential as they guide individuals to emergency exit points and evacuation routes during crises. Our Photoluminescent safety signs provide an instant light source in case of darkness resulting from power failure.

Fire safety signs serve to indicate the location, function, or status of fire safety equipment, exits, or procedures. Examples include:

- Fire equipment signs: pinpointing the location of firefighting equipment.
- Fire alarm signs: indicating the placement of fire alarms.
- Fire action notices: detailing procedures to follow in case of a fire.
- Fire hose signs: showing the location of fire hoses.
- Fire exit and door signs: marking the path to emergency exits and clearly identifying fire doors.
- Warning and prohibition signs: alerting individuals to dangers and prohibiting unsafe actions.
- "Keep closed do not block" signs: instructing individuals to maintain fire doors closed and unobstructed.



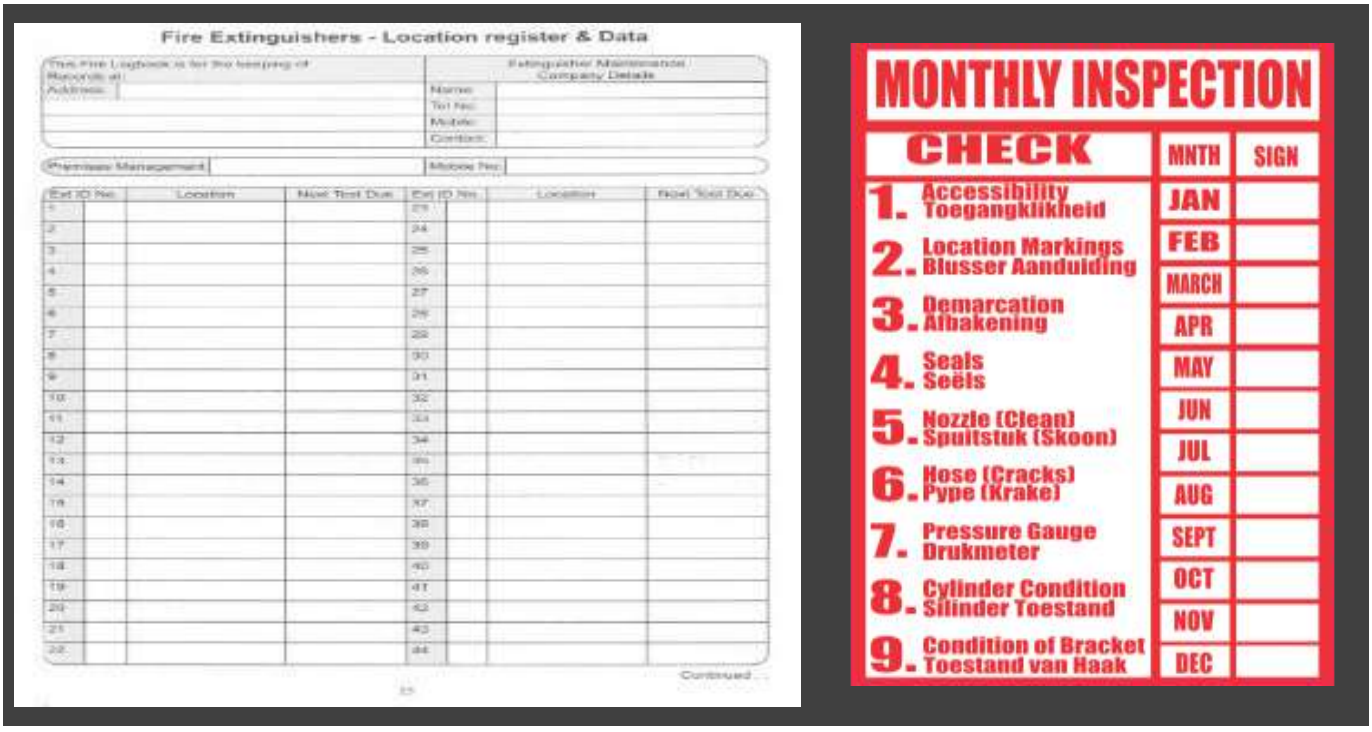








MONTHLY SITE INSPECTIONS & ANNUAL REPORTS



ALFA FIRE can identify fire measures and their relevant standards, reports on the measures capacity to perform to their relevant standards, recognizes and identify relevant issues and defects.
Alfa Fire will provide a detailed report. The report will include a Site Fire Safety Statement prepared for the client to prominently display in the building.

An annual Fire Safety Statement when issued certifies that:

Each essential fire safety measure in the building has been assessed by a properly qualified person.

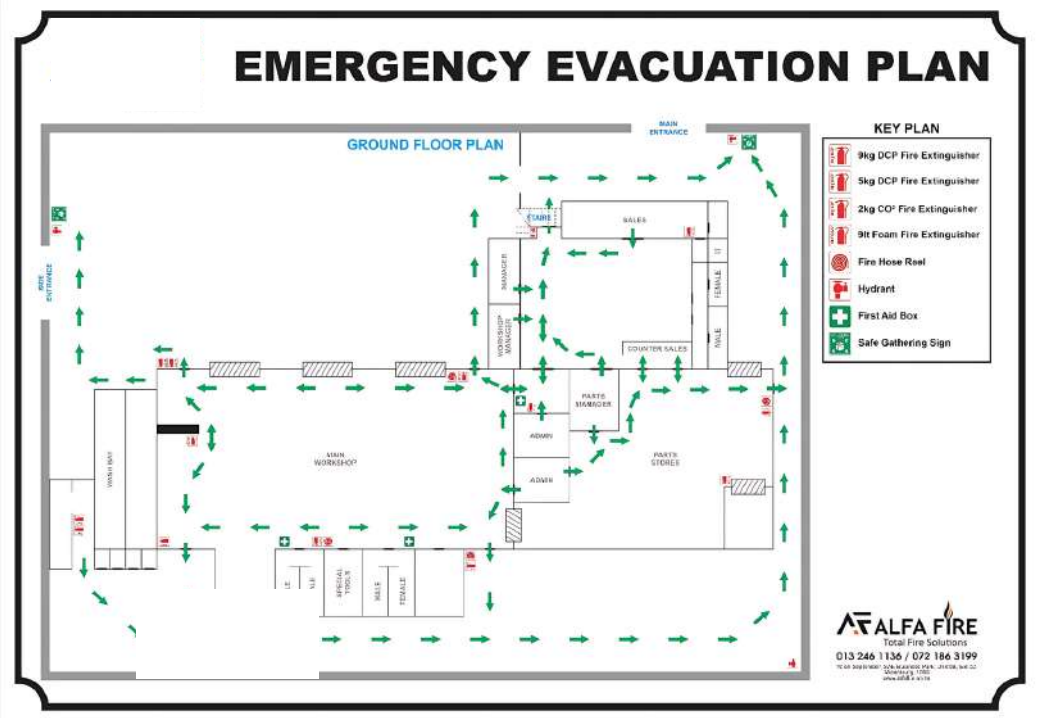
Each essential fire safety measure in the building was found to be capable of performing to a standard no less than that to which the measure was originally or subsequently designed and implemented.



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EMERGENCY EVACUATION / FIRE PLAN

Fire evacuation or escape plans are essential strategies designed to ensure the safe and orderly evacuation of individuals from buildings or areas in the event of a fire or other emergencies. These plans typically involve a detailed layout of the building, highlighting evacuation routes, emergency exits, assembly points, and procedures to follow during a fire.



Building Layout Analysis: Fire evacuation plans start with a thorough analysis of the building's layout. This includes identifying primary and secondary exits, staircases, elevators, and any potential obstacles or hazards that could impede evacuation.

Designated Assembly Points: Clear assembly points are designated outside the building where occupants should gather after evacuating. These points are usually at a safe distance from the building and are easily identifiable to emergency responders.

Evacuation Routes: Multiple evacuation routes are identified and marked, considering various scenarios such as blocked exits or areas affected by smoke. These routes should be well-lit, unobstructed, and easily accessible to all occupants, including those with disabilities.

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BASIC FIRE EXTINGUISHER & FIRST AID TRAINING: ON-SITE

Fire is a powerful force that, when not properly controlled, can pose a significant threat to life, property, and the environment. The ability to respond effectively to fires is a critical skill for individuals in various settings, including workplaces, homes, and public spaces. The Basic Fire Fighting and First Aid training courses are designed to provide participants with the fundamental knowledge and skills required to understand, prevent, and manage emergencies.

All Fire Training, First Aid Level 1 and 2 can be done on the client's site and includes a Theory & Practical Session. Once completed, each Attendee will receive an Official Training Certificate.

The First Aid Certificate is OHS Validated and valid for 3yrs, the Basic Fire Training is valid for 1yr and is recognized by the Local Fire Department and the companies Insurances also. It can also be filed directly into the client's safety file.



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FIRST AID & SAFETY EQUIPMENT:

Regulation 7, SERITI/THUNGELA/EXARRO Mine Specific Bags
Office, Factory, Workshop 1ST Aid Boxes & Refills
Metal & Plastic 1st Aid Boxes Available.
Reg 3/7 LDV & Truck NYLON 1st Aid Kits (Red/Blue/Green)
Eye Wash Kits and many more…...



Regulation 7 First Aid Bag



Regulation 3 First Aid Bag



Metal First Aid Box



Plastic Utility First Aid Box



Eye Wash Station Complete



Eye Wash Station Metal Box



Emergency Shower & Eye wash Station



Lifebuoy Ring 2.5kg or 4kg with Floating Rope



Vehicle Emergency Triangle

OUR PARTNERS

Ansul
American fire safety company

AST
Alien Systems & Technologies

Apollo
Apollo Fire Detectors

Stat-X®
Fire Suppression Systems
Aerosol Fire Protection Stat-X

Technoswitch®

FM-200™
FM-200™ Fire Suppressant - Chemours

Davis Instruments

Boltek Lightning Detection Systems

Phambili Safety

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