



NEW**FIRE** TECHNOLOGY



newfiretechnology.it



NEWFIRE
TECHNOLOGY



Company Profile

NEWFIRE Technology is an Italian based Company with international presence that operates as a global provider of fire-fighting solutions and services worldwide.

With its head office in Milan, Italy, **NEWFIRE** Technology provides engineered solutions and high quality services to the international projects in Power, Petroleum, Oil & Gas and Energy sectors, with a presence all over the world.

NEWFIRE Technology offers a wide range of products and turnkey solutions; from engineering to procurement, from construction to commissioning, our expert technical team is able to supply Fire Protection systems to grant business continuity and mitigate fire risks to main industrial clients.

NEWFIRE Technology takes care of the supplied systems during all lifecycle, by rigid installation procedures, acceptance tests and quality checks, and a periodic maintenance programme, including repairs, upgrades and spare parts management.

OPERATIONS AND SERVICE MANAGEMENT

Operations and Services at **NEWFIRE** Technology are performed according to the instructions and procedures of our Quality Management System, in order to always provide high quality solutions and services to clients worldwide.

Our core business and mission is to provide fire protective solutions through the integration of components and services specific for industrial customers. Our technical staff and customized products can be successfully used to reduce fire risks and create a safer and more efficient environment, protecting property and valuable business assets.

As a global provider, we serve industrial customers in any country, both for offshore and onshore applications, with particular focus on local regulations and international standards (such as NFPA, UL, FM, IMO). Our aim is to support clients in making the right decision, the most suitable solution and to invest properly in reliable fire protection technologies.



HEALTH, SAFETY AND ENVIRONMENT POLICY

Safety is an essential element in all our activities and we are committed to the philosophy of sustainable development. Prevention is the key focus to reduce accidents and injuries. We strongly promote a safe and healthy working environment and the well-being of our employees.

To fulfill our HSE policy we:

- expect good HSE behavior and follow the rules in all our daily activities
- recognize hazards, assess risks, and set up actions to manage them
- respect the law, HSE standards and other regulations by the authorities
- improve competences through continuous training in our organization
- always act to protect environment
- focus on continuous improvement of processes and work environment.

CERTIFICATIONS

NEWFIRE Technology and his expertise engineers hold various internationally recognized certifications:

- ISO 9001:2015: Quality Management System (in progress)
- BOSIET OPITO for Offshore service
- NR Norme Regolamentadore
- OGUK for Offshore services

EMPLOYEES AS MAIN RESOURCE

Companies are made up of people. Employees are the main asset of any successful organization and therefore NEWFIRE Technology puts its team at the center to develop their ambitions and improve their career and professionalism growth, always respecting the highest safety standards.

CUSTOMER OUTLOOK

Our customers are at the center of our services and the basis of our success. Environmental care and respect of safety principles are the hallmarks of NEWFIRE Technology, which we present to our customers as the foundation of our offer.

GENERAL HSE APPROACH

Company management is committed, by making available human, instrumental and economic resources, to pursuing the objectives of continuous improvement of workers' health and safety, as an integral part of its activities and as a strategic commitment to the Company's more general aims.

LONG TRACK RECORD EXPERIENCE

NEWFIRE Technology provides services and fire-fighting equipment to several of the largest Industrial O&G companies and EPC contractors worldwide. Customers can count on a reliable and competent team of experts, able to provide consultative support to any safety issue and offer an efficient and timely service on any fire protection topic.

Our experience on board platforms and other industrial sites has allowed us to make the most of our knowledge of fire-fighting technology, from supplying complete integrated fire protection solutions for new installations, to revamp old systems with modern one, to guarantee fire performance of existing systems during entire lifetime.





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Services

Engineering

NEWFIRE Technology technical department provides high quality design and engineering documentation for complete fire-fighting integrated packages.

Project Management

Project management team is responsible for any project execution according to client specification and applicable standards, respecting project schedule.

Construction

The long track experience in fire-fighting equipment makes each product specifically designed to deliver high fire-fighting performance to most demanding industrial clients.

Testing & Inspection

Each product is fully tested before shipment according to a rigid quality inspection plan. Specific tests and checks can be carried out on-site to ensure system efficiency and reliability.

Installation & Commissioning

NEWFIRE Technology has a dedicated team assigned to each project to provide support during installation and perform commissioning service onsite.

Maintenance & Surveys

NEWFIRE Technology provides maintenance programmes and periodic surveys to ensure the efficiency of the system throughout the lifecycle of the fire-fighting package.



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Engineering

NEWFIRE Technology can follow the entire schedule of any project related to safety and fire-fighting, from design, engineering and procurement, to construction, assembling and final acceptance test before shipment.

Our engineering team is responsible for each job and provides customized technical documentation according to client specifications and project requirements.

Being able to rely on an in-house technical department is a great advantage for the customer, who will always find quick and effective engineering service for any fire and safety-related problems.

With a quality technical approach and control processes, **NEWFIRE** Technology ensures high documentation packages, to ensure that the design is always in line with international specifications and standards.

SERVICES AND PROCUREMENT

Choosing to rely on a partner with a team of experts means always having qualified technical and service support on fire safety issues. **NEWFIRE** Technology can offer a wide range of services:

- Analysis and technical proposals
- Feasibility studies
- Procurement management
- Construction Design
- Site surveys and upgrades
- Revamping of old system
- Modifications and renewals
- Maintenance programme
- Spare parts management

DOCUMENTATION PACKAGES

Our engineering team works closely with the project managers, providing technical documentation support (electrical and mechanical) on customer technical specifications, and remains available in all phases of project operations. Typical engineering documentation packages include:

- Detailed document list
- Engineering documentation
- Drawings (GA, P&ID, wiring)
- Data sheet collections
- Inspection and Test Plan (ITP)
- Hydraulic calculation and design
- Certificates book
- OMM manual
- Maintenance programme



RESOURCES AND SKILLS

Engineering department is composed by mechanical and electrical engineers, with several years of experience in fire fighting industries and technologies, using the most modern tools and software applications for a best-in-class professional result.

LONG TRACK RECORD EXPERIENCE

NEWFIRE Technology provides services and fire-fighting equipment to several of the largest Industrial O&G companies and EPC contractors worldwide.

Customers can count on a reliable and competent team of experts, technical project managers and field service engineers able to provide consultative support to any safety issue and offer an efficient and timely service on any fire protection topic.

Our experience on board platforms and other industrial sites has allowed us to make the most of our knowledge of fire-fighting technology, from supplying complete integrated fire protection solutions for new installations, to revamp old systems with modern one, to guarantee fire performance of existing systems during entire lifetime.

SENIOR ENGINEERS

NEWFIRE Technology's technical team consists of dynamic, smart and fully competent Engineers with a wide range of technical specialization in the Oil & Gas and fire protection sectors. The competence of the staff is demonstrated by trusted employees who have worked in the active fire protection industry for over 20 years.





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Project Management

NEWFIRE Technology can follow the entire schedule of any project related to safety and fire-fighting, from design, engineering and procurement, to construction, assembling and final acceptance test before shipment.

Our project management team is responsible for each job and provides support to the customer right up to the completion of the on-site installation, providing technical assistance and supervision of the assembly, until final commissioning.

With a proper methodology and a structured process, **NEWFIRE** Technology guarantees high quality standards to monitor each phase of the project according to client expectation and project schedule.

SERVICES AND PROCUREMENT

Choosing to rely on a partner with a team of experts means always having qualified technical and service support on fire safety issues. **NEWFIRE** Technology can offer a wide range of services:

- Analysis and technical proposals
- Feasibility studies
- Procurement management
- Construction Design
- Site surveys and upgrades
- Revamping of old system
- Modifications and renewals
- Maintenance programme
- Spare parts management

DOCUMENTATION PACKAGES

The project management team is involved in all phases of projects execution, providing quality documentation packages, including:

- Detailed document list
- Engineering documentation
- Project process plan
- Supplier Document List
- Quality Plan
- Inspection and Test Plan (ITP)
- Periodic Progress Report
- Erection plan
- Site acceptance test
- Commissioning plan
- Maintenance programme
- Spare part list



RESOURCES AND SKILLS

Project team is composed by senior Project Managers and experienced Project Engineers, fully responsible for project management, using the most modern tools and software applications for a best-in-class professional result.

LONG TRACK RECORD EXPERIENCE

NEWFIRE Technology provides services and fire-fighting equipment to several of the largest Industrial O&G companies and EPC contractors worldwide.

Customers can count on a reliable and competent team of experts, technical project managers and field service engineers able to provide consultative support to any safety issue and offer an efficient and timely service on any fire protection topic.

Our experience on board platforms and other industrial sites has allowed us to make the most of our knowledge of fire-fighting technology, from supplying complete integrated fire protection solutions for new installations, to revamp old systems with modern one, to guarantee fire performance of existing systems during entire lifetime.

SENIOR ENGINEERS

NEWFIRE Technology's technical team consists of dynamic, smart and fully competent Engineers with a wide range of technical specialization in the Oil & Gas and fire protection sectors. The competence of the staff is demonstrated by trusted employees who have worked in the active fire protection industry for over 20 years.





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Construction

NEWFIRE Technology provides fire protective solutions through the integration of components and services specific for industrial customers. Our technical staff and customized products can be successfully used to reduce fire risks and create a safer and more efficient environment, protecting property and valuable business assets.

We are involved in every stage of the construction of fire-fighting systems all over the world. We offer a wide range of products and turnkey solutions: from engineering to procurement, from construction to commissioning, our expert technical team is able to supply Fire Protection modules and safety packages, to grant business continuity and mitigate fire risks to main industrial clients.

Our Engineering department and Technical team coordinate specialized installers and external competent partners in a variety of construction phases such as welding, painting, mechanical assembly, instrumentation and electrical wiring, testing and start-up.

As a single global supplier, we are able to react quickly to customers' needs, offering an increased degree of flexibility and an effective teamwork, both key factors to provide complex and innovative engineering solutions to the Oil & Gas market. We design our packages and assemble them in Italy, thanks to a great local network of trained and skilled partners.

Our key Clients range from OEMs to integrators and EPCs, always providing customized solutions for truly demanding international customers. We stay close to our clients, supporting them in choosing the right fire-fighting solution and tailoring all our packages specifically to their needs, with great communication and flexibility at all production stages.

Our experience onboard platforms and in close contact with experienced operations managers has enabled us to strengthen our knowledge of fire-fighting technology in a comprehensive view, according to the customer's perspective. Today, **NEWFIRE** Technology is a solid entity, able to provide complete and integrated fire protection solutions for new installations, revamp old systems with modern systems, and guarantee the fire performance of existing systems throughout their entire lifetime.



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Testing & Inspection

NEWFIRE Technology offers a wide range of products and turnkey solutions; from engineering to procurement, from construction to commissioning, our expert technical team is able to supply Fire Protection systems to grant business continuity and mitigate fire risks to main industrial clients.

NEWFIRE Technology takes care of the supplied systems during all lifecycle, by rigid installation procedures, acceptance tests and quality checks, and a periodic maintenance programme, including repairs, upgrades and spare parts management.

Quality is the key factor in any production process to guarantee system efficiency and satisfy customer expectations. All main tests and inspections are carried out by our technical experts and production managers, according to client specifications and 3rd party procedures

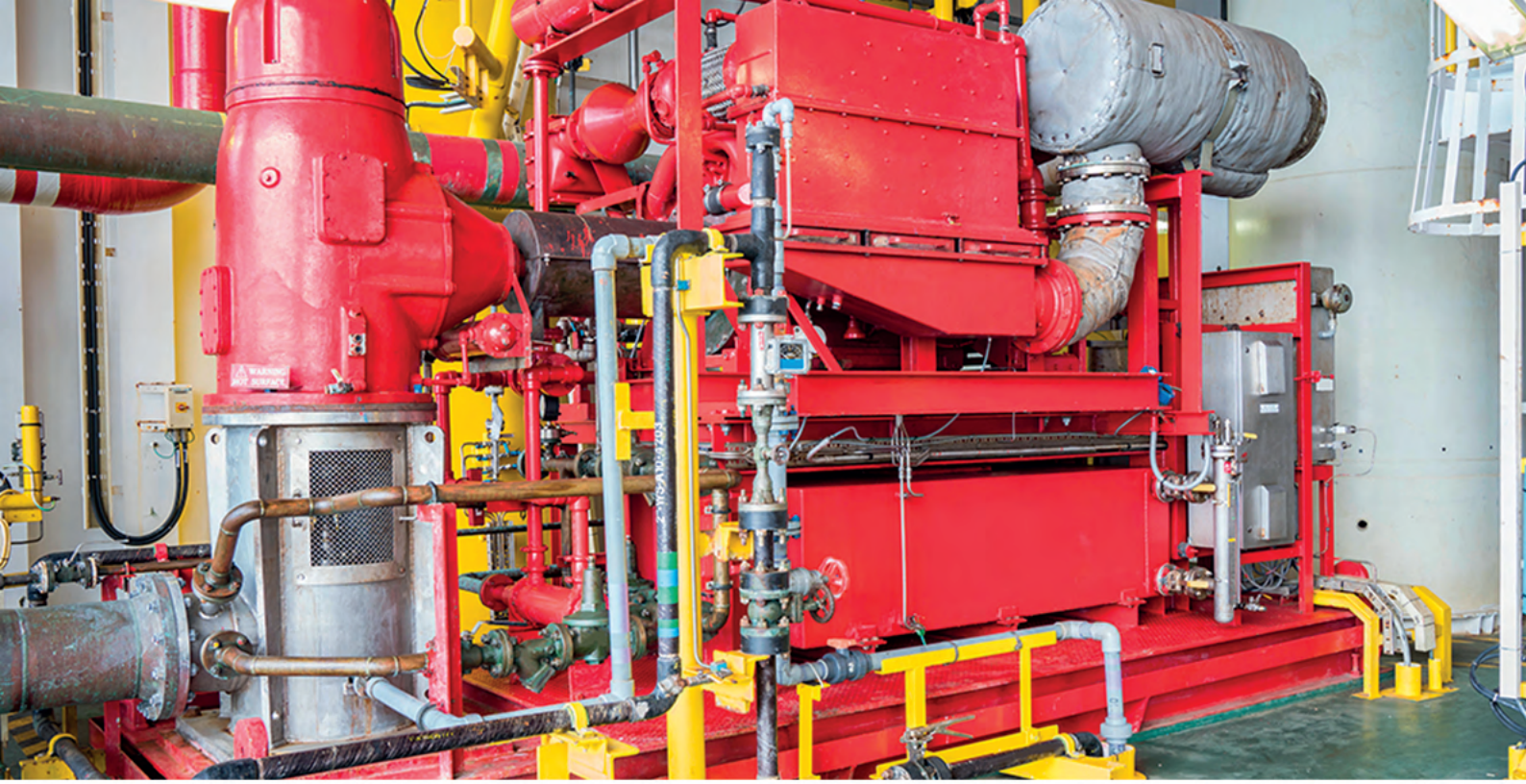
Typical tests we can provide are as follows:

- PMI (Positive Material Identification)
- Painting check with external inspectors
- Insulation Resistance and Loop Test
- Hydraulic Pressure Test
- Dimensional check
- Assembly Leak Test
- Operation and functional Test
- Discharge test

DOCUMENTATION PACKAGES

The Quality department, through testing & inspection procedures, provides specific technical documentation packages and test reports for each project. Our experienced quality process can be customized according to client requirements and local testing demands. Typical documentation package includes the following:

- Test Procedure and final reports
- Functional Procedure
- As built drawings
- Final certification books
- Quality package
- Lifting Procedure and certificates



SENIOR QUALITY ENGINEERS

NEWFIRE Technology's quality team consists of dynamic, smart and fully competent Senior inspectors expert in the Oil & Gas and fire protection sectors

Our goal is to always maintain trained and certified engineers, ready to travel all over the world to serve our client and guarantee high performance of any fire-fighting installations.

The competence of the staff is demonstrated by trusted employees who have worked in the active fire protection industry for over 20 years.





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Installation & Commissioning

NEWFIRE Technology has a dedicated team assigned to each project to provide support during installation and perform commissioning service onsite.

As a global provider, we serve industrial customers in any country, both for offshore and on-shore applications, with particular focus on installation procedures, acceptance tests and quality checks, up to final commissioning.

Our experience on board platforms and other industrial sites has allowed us to make the most of our knowledge of fire-fighting technology, which is essential for the delicate stages of installation and commissioning.

A team of experts will be able to resolve any issues during acceptance and thus meet delivery schedules, avoiding delays and potential claims.

Expertise and competence also on Fire & Gas matter, in particular on Fire Control Panel programming and test, allows to have a single provider capable of handling the complete commissioning of any fire protection system.

Customers can count on a reliable and competent team of experts, able to provide consultative support to any safety issue and offer an efficient and timely service. Our flexibility, together with a solid multidisciplinary knowledge of electrical and mechanical engineering, allow us to manage the start-up and commissioning of different fire-fighting systems worldwide.



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Maintenance & Surveys

NEWFIRE Technology provides maintenance programmes and periodic surveys to ensure the efficiency of the system throughout the entire lifecycle of the fire-fighting package.

Operations and Services at **NEWFIRE** Technology are performed according to the instructions and recommendations of each manufacturer for the specific fire-fighting system, in order to always provide high quality solutions and maintain solid reliability over time.

Our technical staff is composed by trained field service engineers able to carry out periodic checks and tests for an effective preventive maintenance that can assure functionality in any emergency situation, even after many years from commissioning.

As a global provider, we serve industrial customers in any country, both for offshore and onshore applications, respecting severe and rigid maintenance plans.

MAINTENANCE PLAN

A customized maintenance program allows specific inspection and verification work to be scheduled throughout the year on all fire-fighting systems, reducing downtime and improving system performance.

This results in overall savings in system operating costs, which in the long run extends the average life of the equipment and simplifies its management.

SPARE PARTS MANAGEMENT

NEWFIRE Technology has always been aware of the importance of having spare parts readily available, to ensure prompt services and restore the functionality of the equipment in the shortest possible time.

A professional spare parts management makes it possible to meet scheduled interventions, possible upgrades, replacement and general repair services to increase the entire useful life cycle of expensive and critical equipment.

Our network of specialized suppliers and partners allows us to quickly procure and manage all necessary spare parts to maintain the highest level of reliability at all times.



PROCEDURES AND REPORTS

A complete package of detailed procedures is relevant to schedule an organized and structured maintenance plan, to register and keep update all mandatory activities with proper and professional service reports.

NEWFIRE Technology supports the clients to prepare and improve all the relevant technical procedures for a modern and effective maintenance service.

TYPE OF FIRE FIGHTING PACKAGES

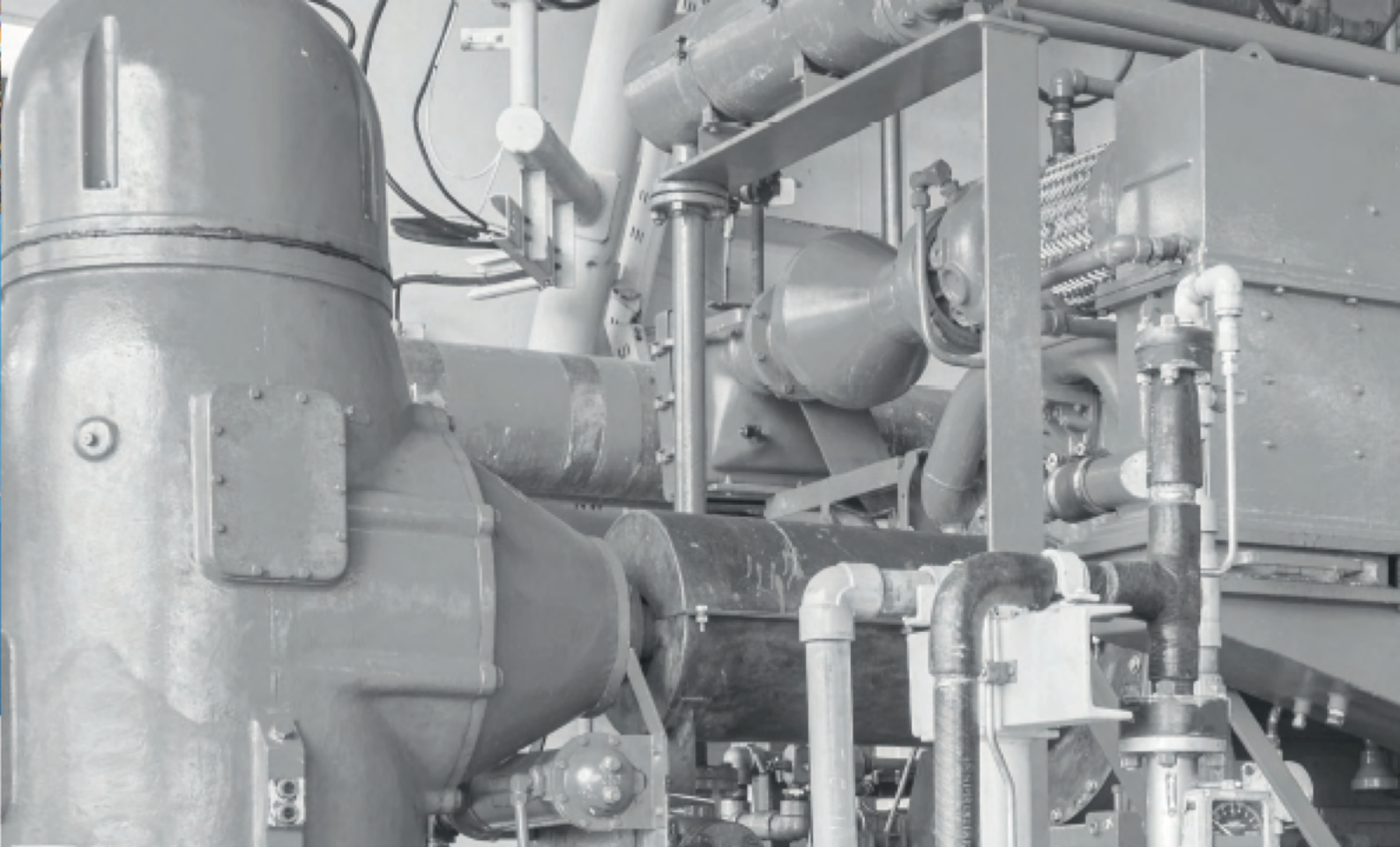
A wide range of fire protection products and equipment can be serviced by **NEWFIRE** Technology's experienced field technicians. Here below the list of main systems in our scope of work:

- Water base systems (deluge and sprinkler)
- Foam systems and relevant equipment (monitors, tanks, mixer)
- Water mist systems (high and low pressure)
- Hose reels and Hydrants
- Gaseous systems (Inergen, Argonite, Novec, CO2)
- Integrity testing of rooms (door fan test)
- Wet chemical extinguisher systems
- Pressure testing of cylinders
- Fire & Gas panels and field devices

SITE SURVEYS BY QUALIFIED ENGINEERS

To ensure an effective preventive control and avoid unexpected faults that can impact the business continuity, **NEWFIRE** Technology offers periodic inspections and site surveys to check the status of the fire-fighting systems.





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