QD FIRE PROTECTION
Fire Protection Specialists

Company Portfolio

Introducing a new level of Professionalism and Quality in the Fire Protection Industry

2025

What We Do

Our comprehensive service offerings encompass a wide range of products and services, including Fixed Fire Protection Equipment, Fire Protection CO2 Systems, Fire Sprinkler Systems, Fire Protection Pumps, and Fire Water Storage Tanks. We provide expert advice on all aspects of commercial and industrial fire protection.

Our Services

Design

QD Fire provides comprehensive design services for your entire fire protection system, including coordinated workshop drawings and precise hydraulic calculations. Our expertise encompasses a wide range of fire protection systems, and we leverage the latest Revit technology to deliver accurate coordinated drawings

Supply

QD Fire partners with IMS Pipe Fabrication for the production of high-quality pipework and exclusively utilizes FM Approved fire sprinkler equipment suppliers to guarantee the delivery of superior fire protection systems to our clients

Install

QD Fire boasts a highly skilled and experienced workforce capable of executing large-scale fire protection system installations with unmatched efficiency and exceptional quality. All our projects undergo rigorous internal and external quality inspections to guarantee the consistent delivery of superior fire protection installations.

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Our Story

Under the visionary leadership of our CEO Mr. Nick Manton, QD Fire Protection Group has experienced significant growth.

With dedicated offices in the Eastern and Western Cape, each equipped with a team of skilled draughtsmen, project managers, and specialised divisions, we offer comprehensive fire protection solutions.

Our Small Works division focuses on maintenance and construction for smaller projects, while our Principle Contracts division specialises in large-scale undertakings.

At the heart of the QD Fire Protection Group lies a strong commitment to client relationships. We prioritise client loyalty and strive to provide exceptional service as well as high-quality engineering solutions for every project, regardless of its scope.

Through our unwavering dedication to quality and client satisfaction, the QD Fire Protection Group has established itself as a leading provider of fire protection solutions across South Africa.

Our Team

2+ ASIB Certificates (ASIB Supervising Installer)

9 Revit Competent Draughtsman across our teams

50+ employees with more than 98 years of experienced combined

70+ fire sprinkler installer team members on site

80 000+ fire sprinklers installed on average every year

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Fire Sprinkler Installations

Fire Sprinkler Equipment

QD Fire exclusively utilises internationally approved and listed fire sprinklers to ensure consistent quality across all our fire protection installations.

Recognising the critical role of fire sprinklers in passive fire protection systems, we prioritise reputable brands.

Our selection process considers the specific application, the level of risk associated with the premises, and the availability of required components to ensure timely project completion

Sprinkler Types QD Installs

- Brass / White / Black
- Control Mode K8 to K16
- ESFR / K20 to K48
- Open Deluge / Nozzles

How we choose which Fire Sprinkler to use

Fire sprinklers are designed and approved for specific applications.
Our selection process considers factors such as the level of risk, the fire load within the premises, as well as the height and method of storage. The choice of sprinkler is directly correlated to these factors, with larger risks and higher fire loads generally requiring larger sprinkler heads.

QD Fire supplies and installs fire pumps in accordance with:

ASIB 12th Edition Standard | NFPA 13 | SANS 10287

International Approvals

UL LISTED | LPCB | FM APPROVED

*Approvals may differ dependant on the fire sprinkler equipment type and supplier.

Local Approvals

ASIB LISTED AND APPROVED SPRINKLER INSTALLER | SABS South African Bureau of Standards

*the ASIB 12th edition standard and the SANS 10287 standard both accept FM Approval and UL listing as a minimum.

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Fire Protection Pumps

Fire Protection Pumps

The fire pump is a critical component of any effective fire protection system. QD Fire exclusively utilises premium-quality fire pumps sourced from a select group of reputable suppliers. By limiting our supplier base, we maintain strict control over the quality and ongoing service of the fire pumps we install. These pumps undergo rigorous testing and adhere to stringent international and/or local approval standards.

Fire pumps installed by QD Fire are accompanied by a free 12-month mandatory weekly testing schedule to ensure our fire pumps are always in perfect working order.

Pump Types QD Installs

- Single Diesel Ignition Engine
- Dual Diesel Ignition Engine
- Single Electric Engine
- Dual Electric Engine

*Single and Multi-stage options available

PROUDLY SOUTH AFRICAN

How we choose which fire pump to use

Fire pump selection is guided by the specific requirements of the applicable local regulatory code governing the design and installation of the fire sprinkler system. Subsequently, the fire pump is sized to meet the precise hydraulic demands of the system.

QD Fire supplies and installs fire pumps in accordance with:

ASIB 12th Edition Standard | NFPA 20 | SANS 10287 | FM 1319

International Approvals	Local Approvals
NFPA, FM APPROVED	ASIB LISTED AND APPROVED SPRINKLER INSTALLER, SABS South African Bureau of Standards
*International approved pumps are imported. Some pumps may be built locally in accordance with a proven standard.	*the ASIB 12th edition standard and the SANS 10287 standard. Pumps are built and tested locally.

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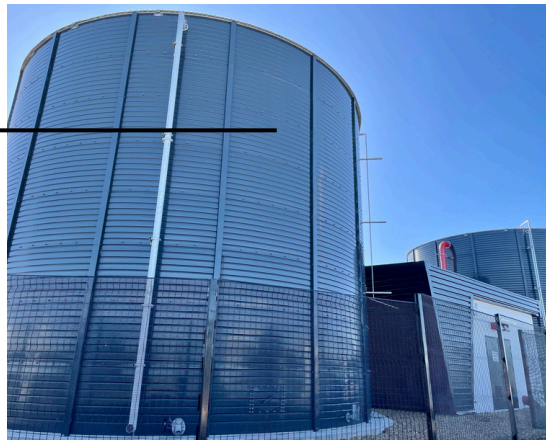
Fire Water Storage Tanks



Fire Water Storage Tanks

Fire water storage tanks are indispensable components of any effective fire protection system. To ensure continuous operation during maintenance, a dual-tank configuration is utilised, with each tank having a 50% capacity. We exclusively utilise premium-quality fire tanks sourced from a select group of reputable suppliers, allowing us to maintain strict quality control. These tanks are manufactured to meet or exceed stringent international and/or local approval standards.

All fire tanks installed by QD Fire are accompanied by a comprehensive 12-month maintenance plan, including mandatory weekly testing, to guarantee optimal performance and reliability.

Tank Types QD Installs

- Circular Zincalume
- Circular Galvanised Steel
- Sectional Panel Galvanised Steel

PROUDLY SOUTH AFRICAN

How we choose which fire tank to use

Circular fire tanks are typically our preferred choice owing to their optimal size, efficient configuration, and ease of long-term maintenance. However, sectional steel tanks are utilised when space constraints or specific regulatory requirements necessitate their use.

QD Fire supplies and installs fire water storage tanks in accordance with:

ASIB 12th Edition Standard | NFPA 22 | SANS 10287

International Approvals	Local Approvals
NFPA, FM APPROVED *International approved tanks are imported. Some tanks may be built locally in accordance with a proven standard.	ASIB LISTED AND APPROVED SPRINKLER INSTALLER, SABS South African Bureau of Standards *the ASIB 12th edition standard and the SANS 10287 standard. Tanks are built and tested locally.

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Fixed Fire Protection

Fixed Fire Protection Equipment

Fixed fire protection encompasses the supply and installation of fire hydrants, fire hose reels, fire extinguishers, and fire signage, all in strict adherence to SANS 10287 standards. QD Fire exclusively utilizes SABS-approved fixed fire protection products, ensuring both consistent quality and long-term availability for replacement or repair.

Recognizing the diverse requirements of local fire departments regarding fire hydrant connections, QD Fire meticulously selects and provides a range of hydrant types tailored to each project and specific fire department guidelines.

Fixed fire protection equipment plays a crucial role in enabling fire departments to effectively combat fires upon arrival at the scene.

Types QD Installs

- Fire Hydrants
- Fire Hose Reels
- Fire Extinguishers
- Fire Blankets

SABS APPROVED

QD Fire supplies and installs fixed fire protection in accordance with:

ASIB 12th Edition Standard | SANS 10287

International Approvals	Local Approvals
*Please note may not utilise Internationally approved fixed fire protection products as local regulations supersede international requirements. Fixed Fire Protection Installations may be based on the local fire department's requirements.	LISTED AND APPROVED SPRINKLER INSTALLER ASIB LISTED SABS South African Bureau of Standards *fixed fire protection equipment meets SANS 10287 standard. Installation may be based on local fire department's requirements.

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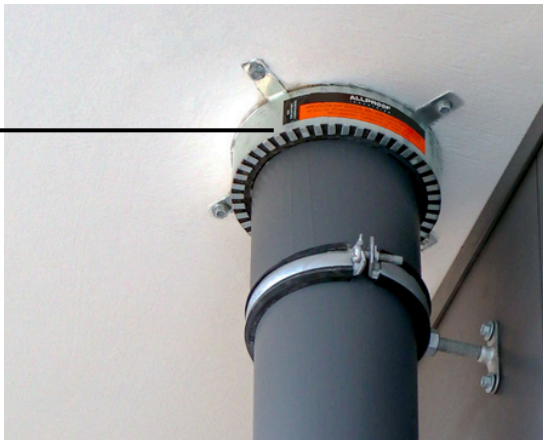
Passive Fire Protection



Passive Fire Protection

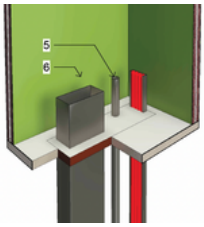
Passive fire protection is components or systems of a building or structure that slows or impedes the spread of the effects of fire or smoke without system activation, and usually without movement.

Examples of passive systems include floor-ceilings and roofs, fire doors, windows, and wall assemblies, fire-resistant coatings, and other fire and smoke control assemblies. Passive fire protection systems can include active components such as fire dampers.

We pride ourselves on offering clients a range of services, including innovative design solutions and detailed bills of quantities. Our method ensures accuracy and professionalism, providing transparency in costs and specifications, which promotes project clarity and informed decision-making.

Types QD Installs

- Fire Protection Coatings
- Vermiculite Plaster
- Fire Stopping Seals
- Mineral Wool Panel Seals
- Fire rated Glass



QD Fire supplies and installs passive fire protection in accordance with:

ASIB 12th Edition Standard | NFPA 22 | SANS 10287

International Approvals

*International approved products are imported. Some fire stopping products may be locally sourced in accordance with a proven standard.

Local Approvals

*supplied and installed in accordance with the SANS 10400 standard as well as various other SANS codes.

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Fire Protection Maintenance

Fire Protection Maintenance

Meticulous fire protection system maintenance is crucial to ensure optimal performance in the event of a fire. QD Fire Maintenance provides comprehensive maintenance services, encompassing 3-yearly ICV servicing, annual fire pump servicing, and weekly system checks. This proactive approach not only guarantees system reliability but also provides valuable documentation for insurance claims purposes.

QD Fire Maintenance

- Weekly inspections and tests as per regulations
- Annual Fire Pump Services
- ICV Servicing and Overhauls

Introducing
Subscription based maintenance

QD +

Month to month maintenance subscription, cancel anytime.
At QD+, we understand that safety and security of your premises is of utmost importance. That's why we provide a comprehensive fire protection system maintenance service that ensures your business is always up to date with fire safety regulations.

QD Fire Maintenance completes servicing in accordance with:

ASIB 12th Edition Standard | NFPA 25 | SANS 10287

International Standards	Local Standards
NFPA, FM APPROVED *International approved equipment is imported. Equipment is maintained and serviced in accordance with the suppliers requirements.	ASIB, SABS South African Bureau of Standards *the ASIB 12th edition standard and the SANS 10287 standard. Equipment is maintained and serviced in accordance with the suppliers requirements.

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Completed Projects

Project Details:

Project Name:	Shoprite Distribution Centre | Wells Estate
Number of fire sprinklers:	46 804
Project Completion Date:	November 2024
Design and installed in accordance with:	ASIB 12th Edition Standard

Client:	Principal Contractor:	Project Engineer:
equites PROPERTY FUND	WBHO	TOM ESTERHUIZEN-ASSOCIATES MECHANICAL ENGINEERS

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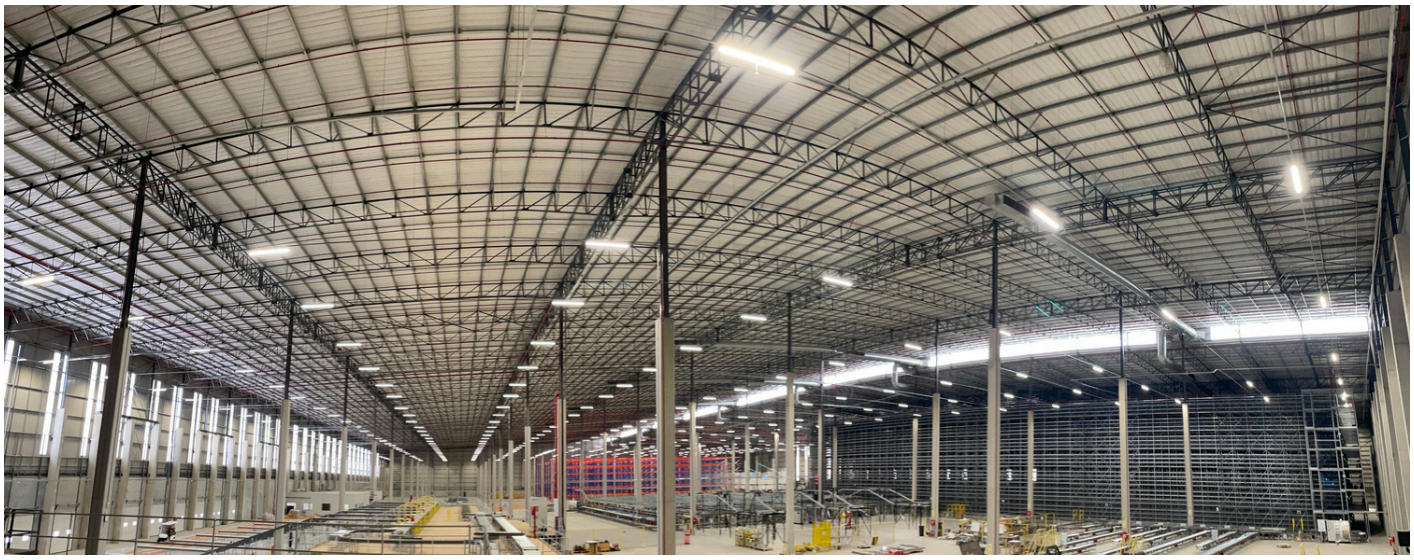
Completed Projects



Project Details:

Project Name:	Truworths Distribution Centre | King Air
Number of fire sprinklers:	25 180
Project Completion Date:	October 2024
Design and installed in accordance with:	ASIB 12th Edition Standard

Client:	Principal Contractor:	Project Engineer:
ATTERBURY	ABBEYDALE First for construction	EKCON

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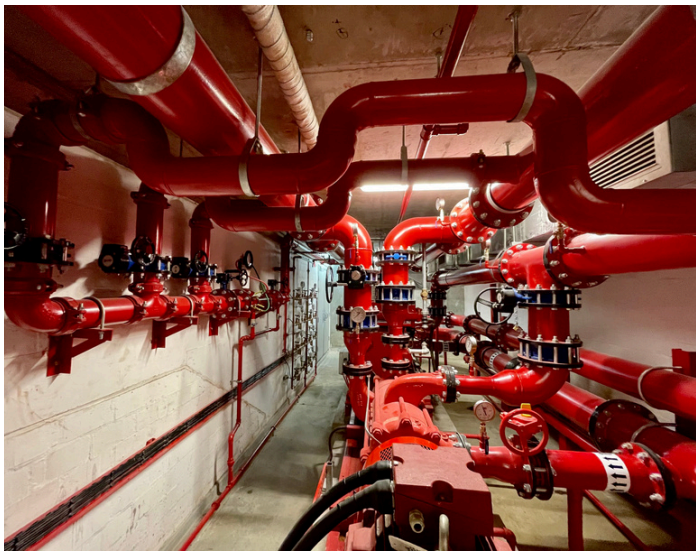
Completed Projects



Project Details:

Project Name:	Harbour Arch Tower 1 | Foreshore
Number of fire sprinklers:	4 968
Project Completion Date:	January 2024
Design and installed in accordance with:	ASIB 12th Edition Standard

Client:	Principal Contractor:	Project Engineer:
amdec group	WBHO	ZUTARI

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Completed Projects

Project Details:

Project Name:	Shoprite Distribution Centre | Cilmore
Number of fire sprinklers:	49 201
Project Completion Date:	June 2018
Design and installed in accordance with:	ASIB 12th Edition Standard

Client:	Principal Contractor:	Project Engineer:
SHOPRITE & Checkers	Stefanutti Stocks	TOM ESTERHUIZEN-ASSOCIATES MECHANICAL ENGINEERS

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Completed Projects

Project Details:

Project Name:	Capitec Head Office | Stellenbosch
Number of fire sprinklers:	3 962
Project Completion Date:	January 2019
Design and installed in accordance with:	ASIB 12th Edition Standard

Client:	Principal Contractor:	Project Engineer:
CAPITEC	WBHO	AECOM

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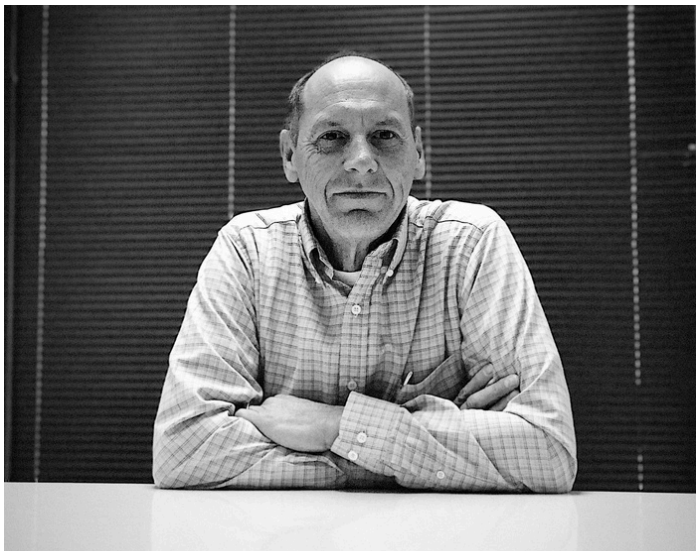
Our CEO



Nick Manton
42 years in the fire protection industry
34 years owner and CEO of QD Fire

a word from our CEO

At QD Fire, we are committed to continuous innovation and adaptation within the ever-evolving fire protection industry. We, at QD Fire, will always prioritise embracing technological advancements and exploring new avenues for growth in our industry.

Since our inception with just four employees in a small Cape Town office, QD Fire has experienced organic growth, expanding to over fifty employees across three provinces. This is merely the beginning of our journey.

Cultivating a customer-centric culture within my companies has always been paramount. We prioritise customer satisfaction by consistently striving to enhance their experience and consistently exceed their expectations.

In this dynamic industry, we are dedicated to achieving industry-leading excellence. We aim to ensure that each and every customer experiences firsthand, QD Fire's commitment to streamlining our services and advancing the industry through every project we complete.

We eagerly anticipate the opportunity to assist you with your project and to demonstrate our capabilities to you.

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Contact Us

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021 914 1947

Visit Our Website

www.qdfirecape.com

Let QD Fire help You with your Fire Protection Installation