



WWW.KNSFIRE.CO.ZA

COMPANY PROFILE

KNS Fire (PTY) Ltd is a majority Black-owned company with a qualified B-BBEE rating of level 01.





WELCOME TO OUR COMPANY

KNS Fire (Pty) Ltd specializes in the comprehensive provision of Design, Supply, Fabrication, Installation, Servicing, and Maintenance for a diverse array of Fire Protection Systems. With a wealth of experience across various categories, we undertake highly prestigious projects with unwavering dedication and passion.

Fire Protection Specialist

At KNS Fire (Pty) Ltd, we are deeply immersed in the construction industry, committed to delivering excellence in every endeavour. Our proficient teams possess the expertise to successfully execute both public and private projects across multiple sectors throughout Africa.

[More Information](#)





MISSION & VISION

Mission

Our mission is to engineer fire protection systems that protect lives and the buildings of today and tomorrow by leveraging modernized fire engineering methodologies and introducing smart design approaches.



Vision

Our vision is to set the standard of excellence in fire protection engineering by pioneering innovative solutions that establish new benchmarks for safety and reliability. We aim to safeguard lives and businesses, fostering environments where they can thrive securely.



OUR VALUES

INNOVATION



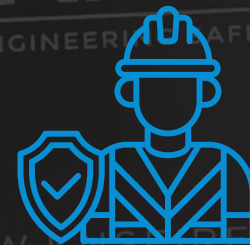
We value innovation and strive to push the boundaries of our industry through the integration of modern technology and forward-thinking approaches. By continuously exploring new ideas and methodologies, we aim to stay ahead of industry trends and provide cutting-edge solutions to our clients.

INTEGRITY



Integrity is at the core of everything we do. We uphold the highest ethical standards in our business practices, maintaining honesty, transparency, and accountability in all interactions. Our commitment to integrity ensures that we always act in the best interests of our clients, employees, and communities.

SAFETY



Safety is our top priority. We are dedicated to engineering solutions that prioritize the protection of lives, property, & the environment. With a focus on quality craftsmanship and adherence to industry regulations, we strive to deliver reliable fire protection systems that mitigate risks and enhance the overall safety of our clients' spaces.

PRECISION



Precision is paramount in our work as we design and implement fire protection systems. We adhere to meticulous standards and attention to detail, ensuring that every aspect of our solutions is carefully engineered to provide maximum effectiveness in safeguarding buildings and property. Through precision, we strive to minimize vulnerabilities and optimize safety outcomes.

COMPANY LEADERSHIP

Nazir Ramguthee is a former firefighter and a passionate professional in the fire protection industry with over 16 years of experience. His career reflects a blend of technical expertise, leadership, and business insight.

After retiring from firefighting, Nazir began his journey in fire protection from the ground up, starting as a technician and progressing to inspector, manager, designer, and later into commercial projects management. This hands-on progression has given him a comprehensive understanding of all aspects of fire protection, from installation and compliance to design and execution.

He holds a Bachelor's Degree in Business Management along with multiple industry qualifications and certifications in firefighting and fire protection. Nazir continues to integrate his real-world firefighting experience with advanced technical and commercial leadership across the fire protection and construction industries.

Professional Registrations

- IFSAC (U.S.A) - NFPA 1001
- IFSAC (U.S.A) - NFPA 473
- SAQCC Fire (S.A) - Det. Comm.
- SAQCC Fire (S.A) - 1475 Tech
- NFPA (U.S.A) - Member

Industry Competence (Courses)

- ASIB - Various
- Technical Drawing & Autocad
- SANS 10139
- JBCC - Various
- SANS 246
- ASNUL Vehicle Fire Suppression
- Water Leak Detection
- Manufacturer Courses - Viking & Tyco Fire

Education

Rural Metro Fire Service
Professional Firefighter &
HAZMAT Technician

Regent Business School
BCOM Degree NQF7:
Business Management



[More Information](#)



COMPANY LEADERSHIP

Amanda Hoosen is an award-winning business leader with a proven track record of driving growth across global brands and businesses, bringing a powerful blend of marketing strategy, commercial experience, and business development, to the fire protection industry.

After building an accomplished career leading marketing growth, strategic excellence, and large-scale market expansion across Africa, Europe, the US and Middle East, Amanda has expanded her expertise into the fire protection sector — applying her business intelligence and growth leadership to an industry where precision, compliance, and safety are paramount.

Amanda is currently advancing her technical expertise through an ASIB certification to build on her already strong foundation in fire protection systems. By combining marketing strategy, corporate leadership with technical specialisation, she is positioning the business as a modern, forward-thinking force in fire safety.

Industry Leadership & Governance

- **AMASA (Advertising Media Association of South Africa):** Council Member
- **IAB South Africa (Interactive Advertising Bureau South Africa):** Influencer Marketing Committee
- **MMA (Marketing & Media Alliance) Smarties Awards:** Jury Member (2026)

Education

- Design & Calculation Course: **Automatic Sprinkler Inspection Bureau - ASIB (2026)**
- Women in Leadership: **University of Cape Town GSB (2025)**
- Postgraduate Diploma in Management (Digital Business): **Wits Business School (2024)**
- Advanced Diploma in Digital Marketing: **Red & Yellow School of Business (2022)**
- Media Management in Brand Building: **Emeritis Vega School (2020)**



[More Information](#)



OUR ACCREDITATIONS



A.S.I.B
Automatic Sprinkler
Inspection Bureau



S.A.Q.C.C
South African Qualification &
Certification Committee



I.F.E
Institution of Fire Engineers



F.P.A.S.A
Fire Protection Association
Of Southern Africa



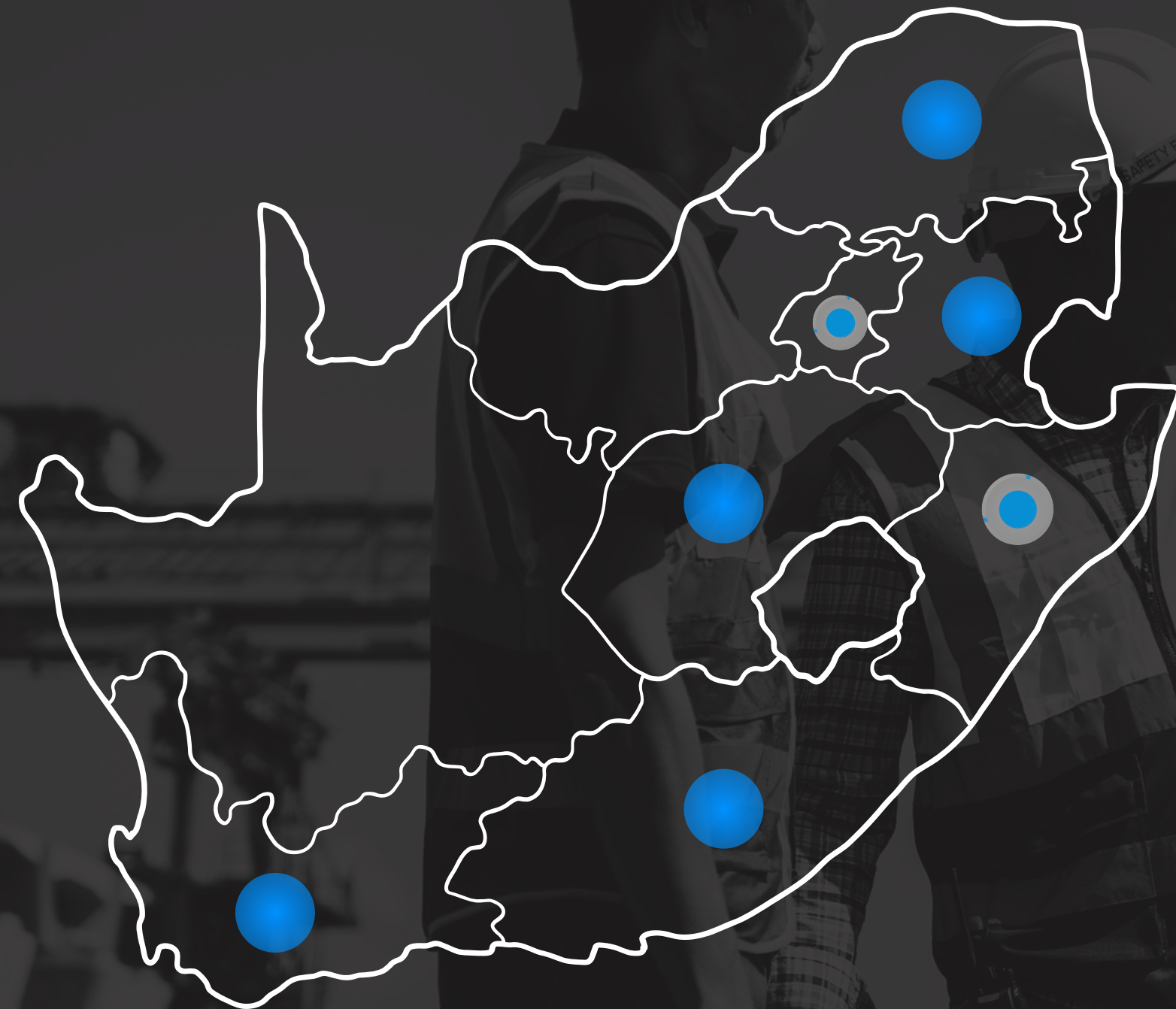
N.F.P.A
National Fire Protection
Association


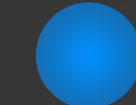
OUR CLIENTS





GEOGRAPHICAL FOOTPRINT



-  **PHYSICAL BRANCHES**
-  **ACTIVE OPERATIONS**

KNS Fire operates across South Africa with Physical Branches in 2 of the highest project volume provinces: KwaZulu-Natal and Gauteng

We deploy trained teams aligned to regional project requirements as required regardless of the location.

Capability Highlights:

- Regional project management and site supervision
- Scalable labour deployment per province
- Proven delivery on multi-site and phased developments

OUR SERVICES



Our responsibility does not end at installation. KNS Fire provides full lifecycle support through maintenance, servicing, and routine inspections for every system we install, ensuring ongoing reliability, compliance, and protection for our clients.



Fixed Fire Protection

- Fire Sprinkler Systems
- Deluge Systems
- Pre-action Systems
- Foam Protection



Fire Detection & Suppression

- Addressable & Conventional Fire Detection
- Linear Heat Detection
- Gas Suppression Systems
- Voice & Evacuation Alarms



Fire Pumps & Tanks

- Diesel & Electric Driven Pump Sets
- Centrifugal & Multi-stage Pump Sets
- Cylindrical & Sectional Steel Tanks
- Pump House Earthworks, Civils & Construction



Fire Equipment & Safety Signage

- Fire Extinguishers, Hose Reels & Hydrants
- Fire & Escape Signs
- First Aid Kits
- Fire Blankets

WHAT DIFFERENTIATES US?

01

SMART ENGINEERING & COST EFFECTIVE DESIGN

We apply intelligent engineering principles to deliver compliant fire protection systems that are both technically sound and commercially practical.

Through efficient hydraulic design, system optimisation and value-driven specification, we **reduce unnecessary material costs without compromising performance or safety.**

02

AUTOMATED ONLINE RECORD MANAGEMENT

Using time-stamped digital forms, QR code scanning and cloud-based data storage, all inspections – including weekly fire pump tests – are captured electronically and distributed instantly to clients.

This ensures **accurate record keeping, real-time reporting, reduced administrative delays and full audit traceability.**

03

INVESTMENT IN SUPPLIER PARTNERSHIPS

KNS Fire maintains strong, long-standing relationships with key industry suppliers, allowing us to **negotiate competitive pricing and favourable commercial terms for our clients.**

We treat suppliers as strategic partners rather than vendors, enabling flexibility in procurement, reliable lead times and consistent material quality.



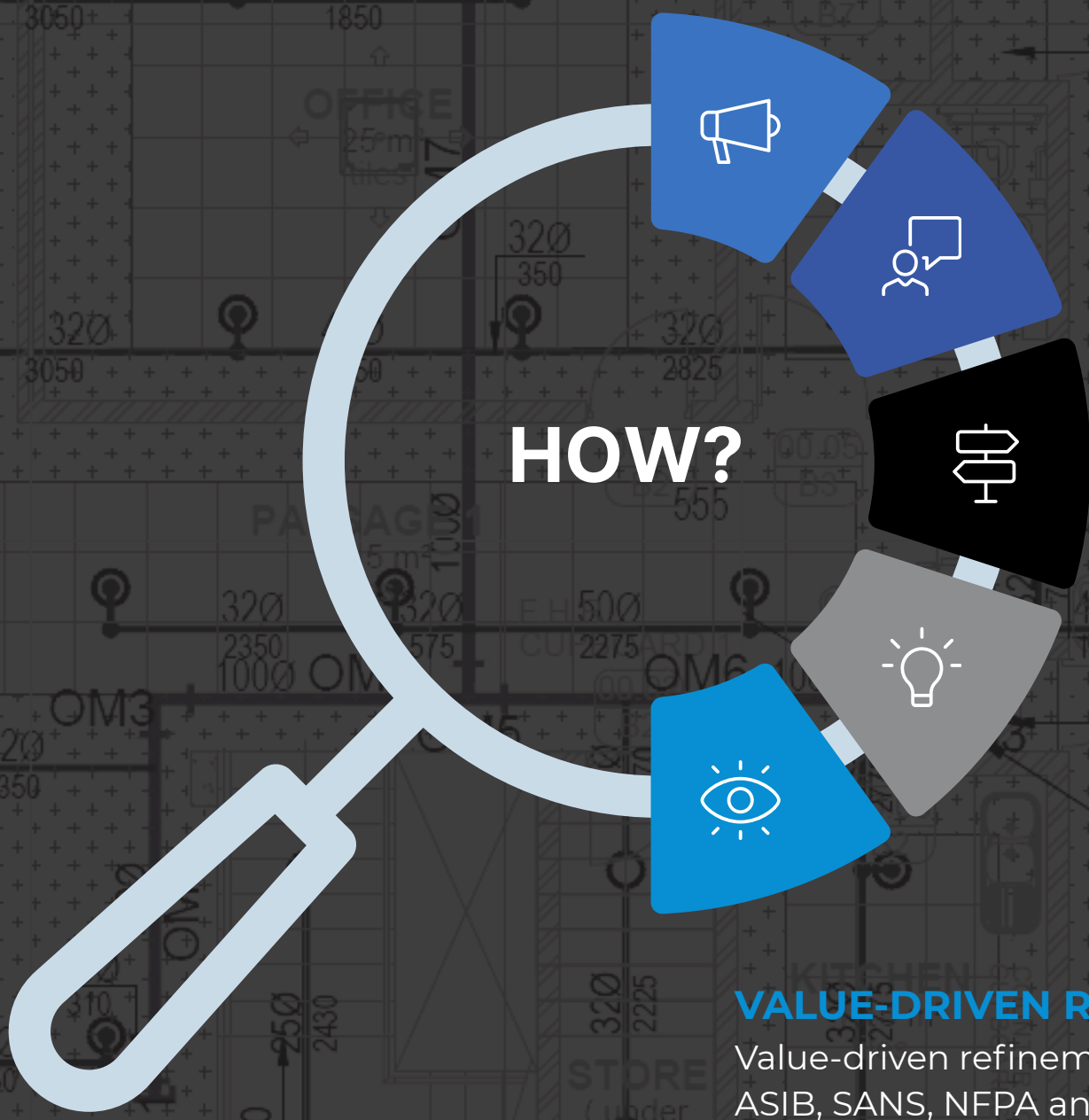
OPTIMISED DESIGN ENGINEERING

WHY?

Fire protection systems are often oversized, inefficiently routed, or not fully optimised for the specific risk profile of a building.

Without detailed engineering review, clients can incur unnecessary material costs, installation complexity and long-term operational inefficiencies.

KNS Fire applies intelligent engineering oversight to ensure systems are compliant, constructible and cost-efficient — without compromising safety or insurer approval.



HOW?

DETAILED REVIEW

Detailed review of client-issued drawings and hydraulic calculations

OPTIMISATION

Optimisation of pipe sizing, routing and system zoning

STRATEGIC SELECTION

Strategic equipment and pump selection aligned to actual risk requirements

ELIMINATION OF REDUNDANCY

Elimination of redundant materials and unnecessary complexity

VALUE-DRIVEN REFINEMENT

Value-driven refinement while maintaining full ASIB, SANS, NFPA and insurer compliance

AUTOMATED ONLINE RECORD MANAGEMENT

HOW?

The software consists of a proven Time Stamping, Graphic Identifying and QR Bar Code Scanning technology deployed to all key components of a Fire Protection System.

Barcode's are used to create a unique Fire Protection Asset baseline, customized Electronic Forms are then used and deployed to Mobile Smart Phones or Tablets.

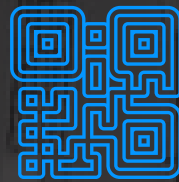
Once deployed the E-Forms application enables Technical staff to accurately record information regarding the deployed Fire Protection Systems.

Once recorded, reports are distributed via email or FTP to both Client and KNS Back Office staff.



1. SELECT

Select client and form type for fire protection system inspected.



2. SCAN

Utilize the QR bar-code scan affixed to the equipment.



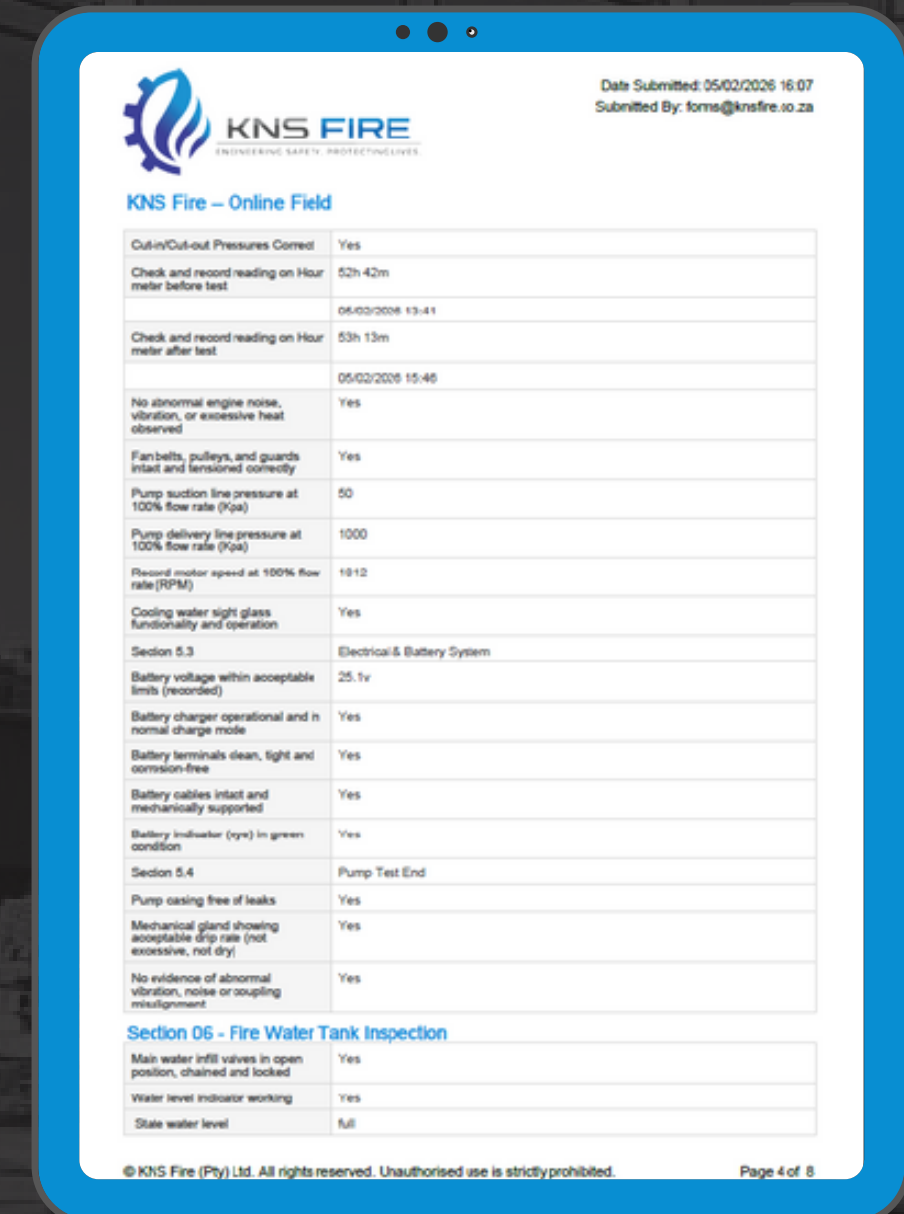
3. CAPTURE

Utilize the QR bar-code scan affixed to the equipment. Graphic Identifier captures an image of the equipment inspected.



4. CHECKLIST

Fill in the fire inspection checklist.



KNS FIRE
ENGINEERING SAFETY. PROTECTING LIVES.

Date Submitted: 05/02/2026 16:07
Submitted By: forms@knsfire.co.za

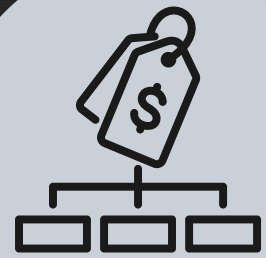
KNS Fire – Online Field

Cut-in/Cut-out Pressures Correct	Yes
Check and record reading on Hour meter before test	52h 42m
	06/02/2026 13:41
Check and record reading on Hour meter after test	53h 13m
	05/02/2026 15:46
No abnormal engine noise, vibration, or excessive heat observed	Yes
Fan belts, pulleys, and guards intact and tensioned correctly	Yes
Pump suction line pressure at 100% flow rate (Ppa)	50
Pump delivery line pressure at 100% flow rate (Ppa)	1000
Record motor speed at 100% flow rate (RPM)	1012
Cooling water sight glass functionality and operation	Yes
Section 5.3	Electrical & Battery System
Battery voltage within acceptable limits (recorded)	25.1v
Battery charger operational and in normal charge mode	Yes
Battery terminals clean, tight and corrosion-free	Yes
Battery cables intact and mechanically supported	Yes
Battery indicator (eye) in green condition	Yes
Section 5.4	Pump Test End
Pump casing free of leaks	Yes
Mechanical gland showing acceptable drip rate (not excessive, not dry)	Yes
No evidence of abnormal vibration, noise or coupling misalignment	Yes
Section 06 - Fire Water Tank Inspection	
Main water refill valves in open position, chained and locked	Yes
Water level indicator working	Yes
State water level	Full

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INVESTMENT IN SUPPLIER PARTNERSHIPS

WHAT DOES THIS MEANS FOR OUR CLIENTS?



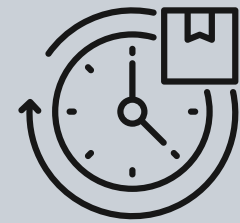
COMPETITIVE PRICING

Our purchasing power allows us to negotiate better pricing on critical fire protection equipment, directly supporting cost-effective project delivery.



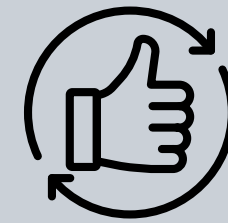
RELIABLE SUPPLY CHAINS

Established supplier partnerships ensure consistent availability of materials and reduced procurement risk during project execution.



FASTER LEAD TIMES

Priority supplier relationships allow us to secure materials efficiently, helping maintain construction schedules and avoid unnecessary delays.



CONSISTENT PRODUCT QUALITY

Working with trusted manufacturers and suppliers ensures that all equipment meets industry standards and insurer compliance requirements.



PROCUREMENT FLEXIBILITY

Strong supplier collaboration allows us to respond quickly to design adjustments, scope changes or accelerated project timelines.

OUR APPROACH

01

Consultation

The consultation phase involves site visits, reviewing existing safety measures, and identifying potential fire hazards.

02

Analysis

Gathered data from the consultation is meticulously reviewed. This involves evaluating the building's layout, materials, occupancy, and any unique risks identified.

03

Design

The design team then creates detailed plans and specifications for the installation of fire safety systems. Advanced software and simulations are often used to ensure the designs are both effective and compliant with regulations.

04

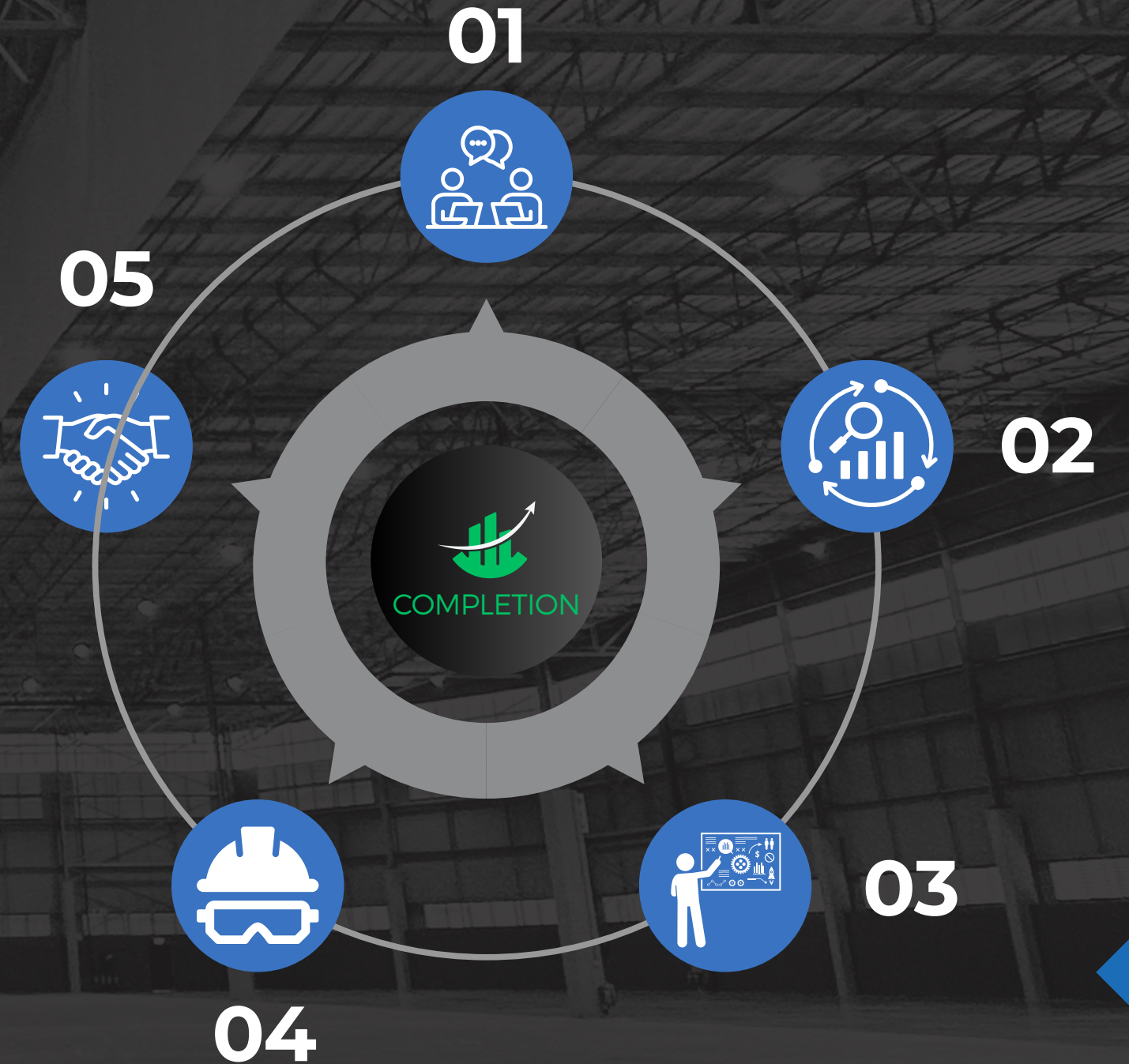
Execution

The execution phase involves the actual installation of the fire protection systems as per the approved design. Throughout this phase, rigorous quality control measures are implemented to ensure the installation meets the highest standards.

05

Commission

Commissioning is the final phase where the installed fire protection systems are thoroughly tested and inspected to ensure they are functioning correctly. Once the system passes all tests, it is formally handed over to the client,



OUR PEOPLE

Our team is the cornerstone of our success in delivering high-quality installation services.

Our commitment to training and development is a key driver in our ability to deliver superior workmanship.

We believe that investing in our staff's professional growth is essential for maintaining our high standards of quality. Through comprehensive training programs, we equip our team with the latest industry knowledge, safety practices, and technical skills.

This ongoing development not only enhances individual performance but also strengthens our collective capability as a company.



OUR SOCIAL IMPACT

KNS Fire believes that developing people is fundamental to delivering safe, compliant and future-ready fire protection solutions.

REMOVING THE BARRIER TO ENTRY

We offer learnerships and structured learning pathways that removes the skills barrier to entry so many South Africans face in the industry. In addition, we financially support and encourage employees to pursue undergraduate qualifications in Business Management and Occupational Health & Safety.

ACCESS TO SKILL DEVELOPMENT & MENTORSHIP

KNS Fire prioritises empowerment through continuous on-site training & mentorship for technical staff. We actively fund employee training, certification and upskilling to ensure technical competence and ongoing compliance.

BLACK SOUTH AFRICAN EMPOWERMENT

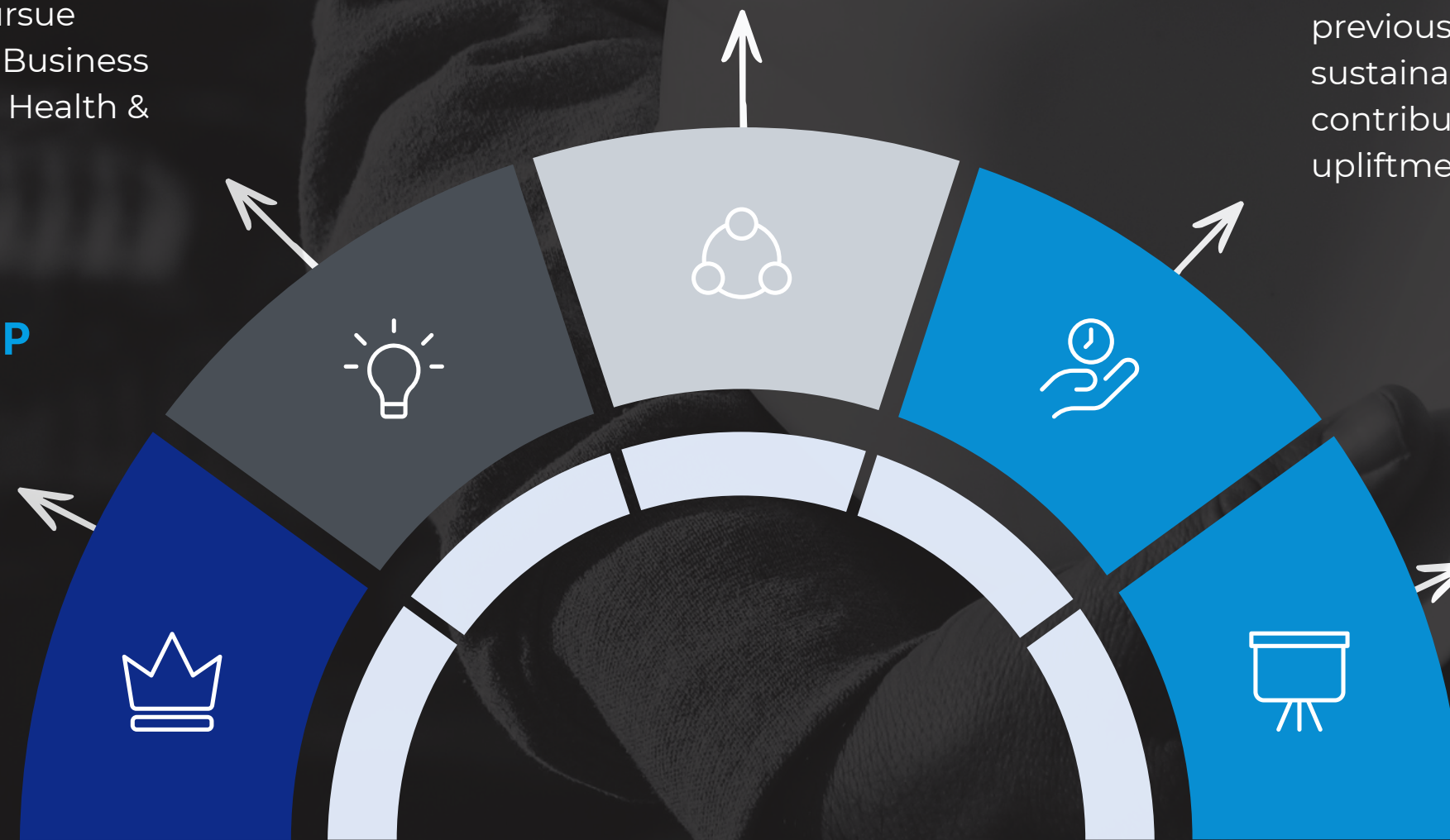
We are proud to employ over 90% Black employees, with more than 95% Black South African representation.

ECONOMIC UPLIFTMENT

Our recruitment focuses on underdeveloped and previously disadvantaged communities, creating sustainable employment opportunities and contributing to meaningful economic upliftment.

LONG-TERM INDUSTRY DEVELOPMENT VISION

KNS Fire has developed internal training manuals and is executing a 10-year vision to establish a dedicated fire protection training academy. This initiative reflects our commitment to growing the fire industry and developing competent, future-ready talent.





DEMOGRAPHICS

100%

BLACK SHAREHOLDERS

100%

FEMALE SHAREHOLDERS

75%

TERTIARY EDUCATED SENIOR MANAGERS

100%

ACCREDITED MANAGERS

100%

CERTIFIED PROJECT MANAGERS

50%

LEADERS WITH 10+ YEARS INDUSTRY EXPERIENCE

90%

BLACK AFRICAN EMPLOYEES

95%

SOUTH AFRICAN EMPLOYEES



BLACK, FEMALE
100%

100% BLACK AND 100% FEMALE OWNERSHIP

BEE LEVEL 1

BEE SHAREHOLDERSHIP



THANKS FOR VIEWING

WWW.KNSFIRE.CO.ZA

TECHNICAL & SALES

✉ Nazir@knsfire.co.za

☎ +27 84 618 6609

GENERAL ENQUIRIES

✉ Info@knsfire.co.za

BRANCHES

📍 26 Ritz Road, Nirvana Hills, Northdene, Kwa-Zulu
Natal, 4147

📍 04 Spitfire Street, Sunninghill, Sandton, Gauteng,
2157