

AFFILIATED TO



2023



FSIA

FIRE SYSTEMS INSPECTIONS ASSOCIATION

COMPANY PROFILE



www.fsia.co.za

**Your saving grace
when you least
expect a fire.**



FSIA

Who Is FSIA?

The FSIA ensures legal compliance and quality of fire protection installations through detailed professional inspection and validation regiments that meet with the requirements of ISO 17020:2012.

HOW FSIA WAS FORMED?

A team of professionals created and develop the FSIA for the betterment of the fire protection industry . It will help shape the future of fire compliance in South Africa for years to come. We may have other competitors in the industry which adds to a healthy and strategic environment.

WHO INSPECTS?

Inspections are carried out by competent fire protection systems inspectors. Such inspections are thoroughly audited and managed on a online portal for inspection bodies. Inspections are carried out in accordance to SANS requirements per SANS 10400 National Building Regulations as well as International Codes of Practices NFPA.

The inspectorate's clientele are corporations and insurers who wish to have their fire protection systems compliant with the relevant specifications to which they were designed, and to issue audit reports, and ultimately, legal certification.



Mission Statement

- To develop fire systems inspection parameters for Fire Sprinkler and Fire Protection System installations with criteria that meets the ISO 17020:2012 Inspection Standard and international equivalents.
- To develop skills programs for several inspection activities based on the ISO 17020:2012 Inspection Standard.
- FSIA will continually expand its vision and scope to meet the needs of the fire industry as a whole.
- To provide fire safety and fire protection inspection services to enterprises who wish to have their buildings' fire protection systems compliant with the relevant specifications to which they were designed and to issue reports together with certification.
- To inspect to standards and quality policies and procedures, for corporations to utilize in their businesses for the advancement of testing and maintenance of their fire protection systems.
- To collaborate with Organizations and legal institutions to maintain a healthy balance of expertise in the markets.
- Continuous interaction with Insurers and brokers to establish a balanced risk between clients and the insurance industry as a whole.

Certification Validity

- The Fire Systems Inspection Association, (FSIA), is an approved Independent Third Party Inspection Body, accredited through the engineering competency of our resident fire engineers, ECSA registered. Our broad based qualification pool determines the acceptance of our organization as an industry norm.
- Our team's qualifications contain Engineering Council of SA registration, design review courses and advanced engineering degrees with formal fire qualifications.



FSIA



Operational Disciplines

The operational criteria are based on our achievements and recognition of the quality procedures and experience of our inspection teams.

FSIA has the expertise to inspect the following disciplines

Fire Sprinkler Systems

Fire Deluge Systems

Special Risks Fire Ventilation Systems

Fire Detection Systems

Fire Water Fire Hydrant and Fire Hose Reel.

Fire Smoke Ventilation

Solar/Energy Fire Risk Control

Each of the above disciplines has an Engineering Director looking after the technical aspects to ensure the Quality Management Systems are adequately maintained and enforced together with our activities.

Inspections are carried out confirming the following to be included:

- Inspection of the sprinkler system which equates to SANS 10287 and relevant associated codes as per the installation standard: NFPA 13 - ASIB rules - BS en12845
 - a) Categorization of the risk
 - b) Design parameters
 - c) Occupancy type assessment
 - d) Sprinkler System type and Hazard Category
 - e) Water Supplies
 - f) Pump efficiency
 - g) Pump Curves
 - h) Storage and obstructions
 - i) Sprinkler System and relevant defects
 - j) Hydraulic Calculations assessment
 - k) General Sprinkler defects
 - l) Fire systems integrations

Contact Us



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