

FIRE SPRINKLER SYSTEM

I-CAT Fire Solutions is Your Trusted Partner in Fire Safety Compliance to SANS, ASIB, NFPA, and FM Standards

TAILORED FIRE SPRINKLER SYSTEMS

I-CAT delivers advanced sprinkler solutions to protect your property, combining technology and compliance for all environments.

- ❏ **Wet Pipe:** Delivers the quickest fire response in heated environments such as offices and schools, minimising damage, and downtime.
- ❏ **Dry Pipe:** Designed for areas like cold room warehouses, preventing water from entering pipes until activation to avoid freezing.
- ❏ **Pre-Action:** Offers dual-activation, safeguarding for sensitive areas such as server rooms, reducing the risk of accidental water discharge.
- ❏ **Deluge:** Provides an instant, high-volume water flow for high-risk areas like chemical plants and fuel storage facilities.
- ❏ **ESFR (Early Suppression Fast Response):** Rapidly suppresses fires in high-stacked warehouse storage, aiding in safeguarding inventory and operations.

HYDRANT AND STANDPIPE SYSTEMS RELIABLE FIRE-FIGHTING ACCESS ACROSS YOUR FACILITY:

- ❏ **Fire Hydrants:** Positioned to meet codes for emergency response.
- ❏ **Hose Reels & Standpipes:** Class I-III solutions for multi-level buildings.
- ❏ **Ring Main Networks:** Custom pipelines for consistent water supply.

EXPERT DESIGN

Our AutoCAD and hydraulic modelling ensure efficient, compliant designs (tree, loop, or grid) tailored to your needs.



WATER STORAGE AND PUMPS DEPENDABLE SYSTEMS FOR FIRE PROTECTION

- ❏ **Prefabricated Tanks:** Compliant with SANS, ASIB, NFPA, and FM standards.
- ❏ **Fire Pumps:** Electric and diesel, sized for your site with redundancy.
- ❏ **Specialized Solutions:** Containerized or vertical turbine pumps for high-risk settings.

"GIVING YOU PEACE OF MIND WHERE YOU NEED IT MOST"

FULL-SERVICE FIRE PROTECTION END-TO-END SERVICES ENSURE READINESS

- ❏ **Design & Approvals:** Compliant engineering for seamless regulatory approval.
- ❏ **Installation:** Certified, high-quality setups by competent teams.
- ❏ **Training & Commissioning:** System testing and staff training.

MAINTENANCE PROGRAMS KEEP SYSTEMS RELIABLE WITH

- ❏ **Regular Inspections:** Ensure compliance and performance.
- ❏ **Certified Testing:** Rigorous tests by trained technicians.

