



ENGINEERED FIRE PROTECTION • SINCE 1995

CHENTECH

FIRE SAFETY SOLUTIONS

Engineering Safety. Delivering confidence.

ENGINEERING • SUPPLY • INSTALLATION
TESTING • COMMISSIONING • MAINTENANCE



SCAN TO CHAT ON WHATSAPP

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OPEN WHATSAPP





ABOUT US

Three decades of fire-protection engineering experience across India

1995

INDUSTRY FOUNDATION

30+

YEARS OF EXPERTISE

230+

PROJECTS DELIVERED

We are pleased to introduce Chentech Fire Safety Solutions (CFSS) as an independent and rapidly growing company in the field of Fire Protection Systems. CFSS carries forward a strong foundation of industry experience and technical expertise since 1995 across India. Under the leadership of Mr. C. Kannan, Founder & Managing Partner, the company is committed to delivering comprehensive fire protection solutions through expertise in design & engineering, supply, installation, testing, commissioning, and maintenance of a wide range of fire protection systems over three decades.

Our organization is backed by a highly qualified and experienced team comprising professional design engineers, project engineers, skilled technicians, trained installation and maintenance personnel. With our strong technical expertise, industry knowledge, and efficient project management capabilities, we consistently deliver reliable and standards-compliant fire protection solutions while meeting the demanding schedules and quality expectations of our clients and project stakeholders.

OUR LEADERSHIP



C KANNAN

Founder & Managing
Partner



C K MANIGANDAN

B.E, MBA
General Manager

V

OUR VISION

To become India's most trusted fire protection engineering company.

M

OUR MISSION

To protect lives and property by delivering innovative, reliable, and standards-compliant fire protection solutions with a commitment to quality, safety, and customer satisfaction.



WHY US

Capability, experience and accountable project execution

30+

YEARS OF EXPERTISE

230+

PROJECTS DELIVERED

360°

TURNKEY PROJECT SCOPE



30+ YEARS OF EXPERTISE

Three decades of experience in delivering reliable fire protection solutions.



230+ PROJECTS DELIVERED

Successfully executed projects across multiple industries.



COMPLETE TURNKEY SOLUTIONS

From concept and design to installation, testing, commissioning, and maintenance.



EXPERIENCED TEAM

Qualified engineers, designers, supervisors, and skilled technicians.



STANDARDS COMPLIANCE

Systems designed in accordance with national and international fire safety standards.



QUALITY & SAFETY

Committed to delivering quality workmanship with zero compromise on safety.



CUSTOMER FOCUS

Responsive coordination from planning through long-term care

We work closely with clients, consultants, and site teams to keep every stage coordinated, transparent, and aligned with project safety, quality, and timeline requirements.

PROJECT COORDINATION

Aligned stakeholders, milestones, and site decisions.

TIMELY RESPONSE

Prompt technical support through execution and handover.

TRANSPARENT UPDATES

Clear progress reporting and disciplined issue follow-up.

LONG-TERM SUPPORT

Service continuity and maintenance guidance after handover.



OUR SERVICES

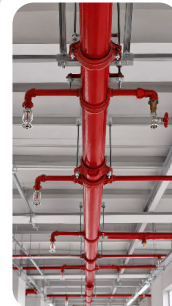
A connected delivery journey from engineering to long-term AMC service support


01
DESIGN & ENGINEERING

Drawings, calculations, BOQ, and coordination.


02
SUPPLY

Approved equipment and material supply.


03
INSTALLATION

Supervised execution by trained site teams.


04
TESTING & COMMISSIONING

Functional checks, integration, testing, commissioning, and handover.


05
ANNUAL MAINTENANCE SUPPORT

Preventive maintenance, periodic checks, corrective maintenance, and emergency service call attendance.


06
MODERNIZATION & UPGRADES

Performance upgrades of existing systems to comply the latest industry standards.

QUALITY ASSURANCE & QUALITY CONTROL

QUALITY IS ASSURED AND CONTROLLED AT EVERY STAGE

Every project follows stringent quality assurance and control procedures to support safety, reliability, and long-term performance.

QUALITY | SAFETY | PERFORMANCE

CODES & STANDARDS

Designed for applicable regulatory and project requirements

- 01** State Fire Service Department Guidelines
- 02** National Building Construction Standards (NBCS) 2026 (Formerly National Building Code (NBC) of India).
- 03** Bureau of Indian Standards (BIS)
- 04** National Fire Protection Association (NFPA), USA
- 05** PESO & OISD Standards
- 06** Factories Act

COMPLETE PROJECT LIFECYCLE

- 1** DESIGN
- 2** SUPPLY
- 3** INSTALLATION
- 4** TESTING
- 5** COMMISSIONING
- 6** MAINTENANCE



FIRE PROTECTION SYSTEMS

Engineered water-based fire protection systems around occupancy and fire risk

TURNKEY ENGINEERING



BUILT FOR RELIABLE RESPONSE

Configured to deliver the right water application, pressure, and coverage for each protected risk.



RISK-BASED DESIGN

COORDINATED INSTALLATION

TESTED PERFORMANCE



FIRE PUMP STATION

Duty, standby, and jockey pumps for dependable pressure.

FIRE HYDRANT SYSTEMS

Yard hydrants, hose reels, and landing valves.



AUTOMATIC SPRINKLER SYSTEMS

Automatic Fire (Heat) detection and water discharge

DRY & WET RISER SYSTEMS

Vertical distribution for multi-storey buildings.

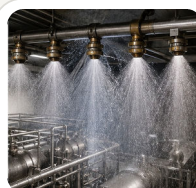


DOWNCOMER SYSTEMS

Gravity-fed emergency fire-fighting line.

FOAM SYSTEMS

Proportioning for flammable and combustible risks



MEDIUM & HIGH VELOCITY WATER SPRAY

Targeted cooling, exposure protection, and fire suppression

CONFIGURED TO SUIT OCCUPANCY, FIRE RISK, AND PROJECT REQUIREMENTS



FIRE DETECTION & ALARM SYSTEM

Early fire detection, warning, clear communication, and safe egress support

EARLY FIRE DETECTION & WARNING. CLEAR COMMUNICATION.

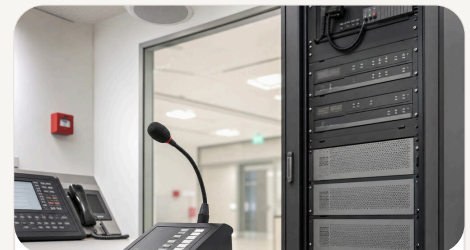
Integrated systems designed to detect, notify, guide, and support safe response.



**Conventional Fire Detection
& Alarm Systems**



**Addressable Fire Detection
& Alarm Systems**



**Public Address & Voice Alarm
(PAVA) Systems**



**Aspirating Smoke Detector
(ASD) Systems**



**CCTV Systems & Fireman
Telephone Systems**



**Emergency & Exit Lighting
Systems**

DETECT • NOTIFY • GUIDE • PROTECT



FIRE SUPPRESSION SYSTEMS

Targeted protection for critical equipment and enclosed risks

PRECISION PROTECTION

Engineered suppression solutions for high-value and business-critical environments.



CO2 FIRE SUPPRESSION SYSTEMS

Engineered Fire protection for critical rooms and high-risk enclosed applications.

CRITICAL HAZARDS



CLEAN AGENT FIRE SUPPRESSION SYSTEMS

Clean, residue-free protection for sensitive equipment and critical environments.

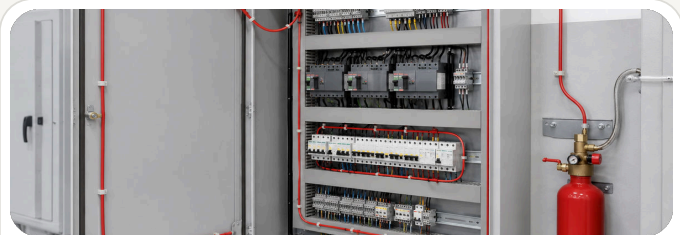
SENSITIVE HAZARDS



WATERMIST SYSTEMS

Fire mist suppression for selected high-risk and space-sensitive applications.

SPECIFIC HAZARDS



TUBE BASED FIRE SUPPRESSION SYSTEMS

Automatic localised protection for electrical cabinets and control panels.

ELECTRICAL PANELS

SYSTEM-BASED PROTECTION

ENGINEERED - INTEGRATED - COMMISSIONED - MAINTAINED



WATER STORAGE TANKS

Engineered water reserve solutions for dependable fire protection

ENGINEERED WATER RESERVE

MODULAR • DURABLE • PROJECT-ALIGNED



FM APPROVED FIRE TANKS

Modular fire-water storage configured for dependable reserve capacity and project-specific requirements.

APPLICATIONS

Fire sprinkler systems, fire hydrant systems & fire-pump water reserve



COLOUR COATED ZINC ALUMINIUM STEEL TANKS

Durable colour-coated modular steel construction designed for efficient installation and long-term service.

APPLICATIONS

Raw and domestic water, drinking and RO water, rainwater harvesting & sewage treatment



GLASS FUSED STEEL TANKS

Glass-fused steel panels combine a smooth protective finish with modular tank construction.

APPLICATIONS

Effluent treatment, industrial wastewater treatment & desalination tanks

OUR CLIENTS

Trusted to support fire-protection projects across leading Indian organizations







UNITED BREWERIES LIMITED



SONS TRUST



GOLDEN HOMES
PRIVATE LIMITED
*Redefining Luxury,
Since 1986*




Expanding Horizons



DEUTZ
FAHR



SANMAR






ADITYA BIRLA
UltraTech



DOSHI HOUSING




Appaswamy
REAL ESTATES



JAINS
JAIN HOUSING
& CONSTRUCTIONS LTD.



The Chennai Silks



DAX GROUP - CHENNAI
MANAGED BY ASSF




KUMARAGURU
College of Technology
character is life






KEY PROJECTS EXPERIENCE

Delivered projects across industrial, healthcare, residential and institutional facilities.

DELIVERY SCOPE

Supply, installation, testing and commissioning. Project-specific systems are shown below.

Hatsun Agro Products Private Limited - Shirashi Plant, Mangalwadhe, Maharashtra

Fire hydrant, Sprinkler, Clean-agent suppression for MCC panels, Addressable Fire alarm and smoke detection and CO2 suppression.

Casa Grande - Cloud9 Multi Story Building at Sholinganallur, Chennai - 600119

Fire hydrant, Wet riser, Sprinkler, Fire alarm and Public address.

Kovai Medical Centre and Hospitals Limited, Avinashi Road, Coimbatore

Fire hydrant extension, Sprinkler, Addressable Fire alarm and smoke detection.

Sri Ramakrishna Hospitals & Colleges, Avarampalayam, Coimbatore

Fire hydrant, Wet riser, Sprinkler, Fire alarm and Public address.

Hatsun Agro Products Private Limited - Kola Plant, Palakodu, Krishnagiri District, Tamil Nadu

Fire hydrant and Gas suppression.

Hatsun Agro Products Private Limited - Govindapur, Zaheerabad, Telangana

Fire hydrant and Emergency siren.

Casagrand - Athens Multi Story Residential Building, Ambattur, Chennai

Fire hydrant, Wet riser, Sprinkler, Fire alarm and Public address.

Golden Homes Private Limited, "Golden Opulence" Residential High-Rise Building, Poonamallee, Chennai

Fire hydrant, Wet riser, Sprinkler, Fire alarm and Public address.

Premier Mills Private Limited, Pulankinar, Udumalpet, Tirupur District

Fire hydrant and HVWS for 110KV Sub Station & Transformer.

United Breweries Limited, Aranvoyal, Tiruvallur, Tamil Nadu

Fire hydrant, Sprinkler, Addressable Fire alarm and smoke detection.

Appaswamy Real Estate, Splendour Residential, OMR, Chemmancherry, Chennai

Fire hydrant, Wet riser, Sprinkler, Fire alarm and Public address.

DAV Group of Schools (CBSE), Pallikaranai, Chennai

Fire hydrant, Sprinkler, Addressable Fire alarm and smoke detection.

Hatsun Foods Agro Limited, Athur Main Road, Salem. (Main Plant & MPD)

Fire hydrant, Fire alarm and detection.

Hatsun Agro Products Private Limited - Ongole Warehouse, Andhra Pradesh

Fire hydrant, Addressable Fire alarm and smoke detection.

Apollo Tyres Ltd, Oragadam, Kancheepuram District

MVWS deluge for sulphur godown.

Eveready Spinning Mills, Thadikombu post, Dindigul District

Fire hydrant.

Premier Group of Mills, Coimbatore

Fire hydrant.

Triumph International (India) Private Ltd., Anna Salai, Chennai

FM-200 gas flooding.

KPR Group of Mills Ltd, Coimbatore

Fire hydrant.

Ultra Tech Cement Limited, Arakkonam

Fire hydrant.

Hatsun Agro Products Private Limited - Palani Plant, Dindigul District

Fire hydrant, Wet riser system.

Valeo Friction India Private Ltd, Chengalpattu

Fire alarm and CO2 system.

Real Value Promoters Pvt. Ltd., (Prashanth Real Gold Tower), Commercial Complex at Chennai

Fire hydrant.

SAME Deutz-Fahr India Ltd, Sipcot Industrial Park, Ranipet. Engine Division

Fire hydrant and CO2 flooding.

Hatsun Agro Products Private Limited - Head Office, Sholinganallur, Chennai, Tamil Nadu

Fire hydrant, Sprinkler, Addressable Fire alarm and smoke detection.

Hatsun Agro Products Private Limited - Walaja Plant, Vellore District

Fire hydrant, Wet riser, Sprinkler, Fire alarm system.

Sanmar Foundry India Ltd, Viralimalai, Trichy

Fire hydrant and MVWS.

Praxair India Pvt Limited, Sriperumbudur, Kancheepuram Dist

Fire hydrant.

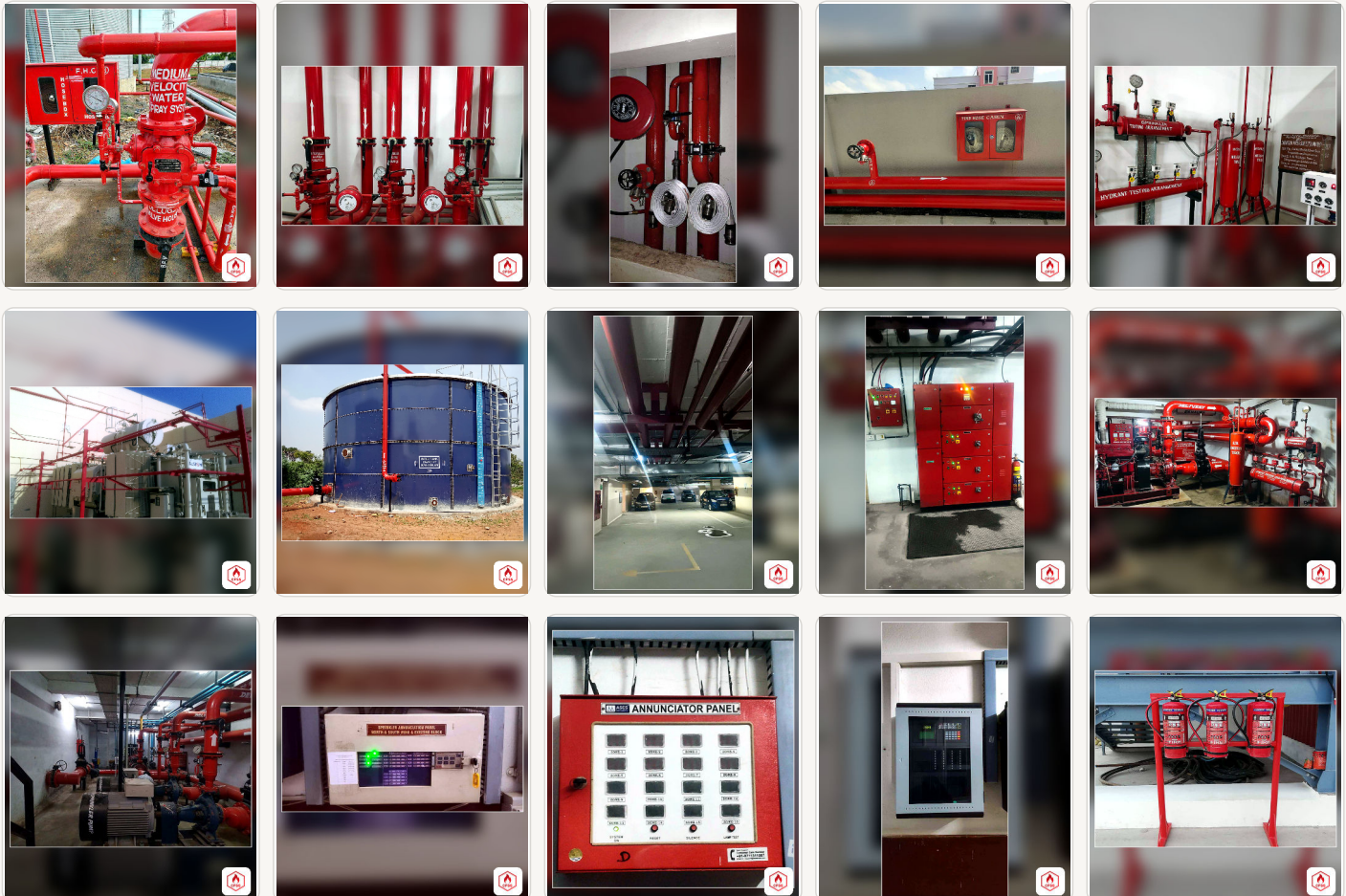
Lakshmi Narasimha Textiles (P) Limited, Coimbatore - 641658

MVWS for Cotton Godown & Blow Room.

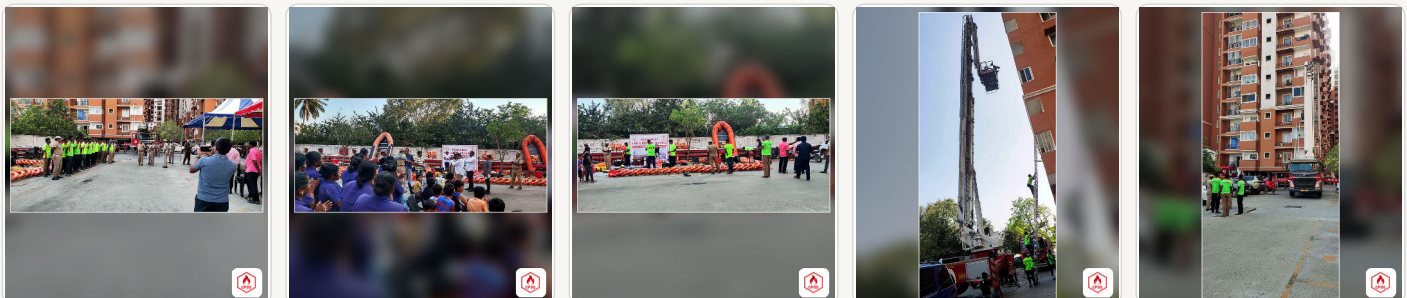
EXECUTED PROJECTS

Selected site views spanning delivered systems, commissioning and emergency readiness.

SYSTEMS & INSTALLATIONS



MOCK DRILLS & EMERGENCY RESPONSE



ENGINEERED FOR SAFETY. PROVEN ON SITE.

Delivered engineering, installation, testing and emergency-readiness work.

FIXED FIRE SYSTEMS

ALARM & MONITORING

SITE PREPAREDNESS



CONTACT / CONSULTATION / PROJECT SUPPORT

LET'S MAKE YOUR PROJECTS FIRE SAFE

Connect directly with our team for fire safety system design, supply, installation, testing, commissioning, audits, and AMC support.

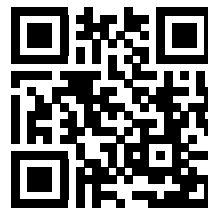
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WHATSAPP

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BRANCH OFFICE

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 Tamil Nadu - 641062.

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START A SAFER CONVERSATION.

Call, email, or visit the website to discuss your project.

CALL NOW →

EMAIL US →

VISIT SITE →

SCAN FOR WEBSITE

www.chentechfss.com
