FIRETRADE
ENGINEERING PUBLIC COMPANY LIMITED



TOTAL SOLUTION SPECIALIST FOR FIRE ENGINEERING & SAFETY

FIRETRADE ENGINEERING
PUBLIC COMPANY LIMITED

ABOUT US

Firetrade Engineering Public Company Limited (FTE) is a premier provider of Fire Protection and Safety Solutions in Thailand. We offer full-scope services from engineering design, equipment supply, system installation, inspection, testing, commissioning and preventive maintenance of fire protection systems and safety products for a wide range of industries.

In partnership with leading global manufacturers, FTE delivers listed and approved products including fire protection equipment, fire alarm system, fire suppression system, and safety products to ensure maximum safety, business continuity, and risk mitigation for our clients.

Mission and Vision

Committed to continuous improvement, our experienced engineering team delivers end-to-end services that meet international standards and exact client requirements



OUR JOURNEY

1999
- Firetrade Engineering Co., Ltd. ("FTE") established

2007
- F.T. Contractor Co., Ltd. established (renamed to Fire Inspector Co., Ltd. "FIS" in 2009)

2010
- Started company-owned brand of fire protection equipment under "Total Fire"

2016
- FTE held 99.99% shares in FIS
- FTE registered as "Public Company" and increased registered capital to 300 million THB

2017
- 27 July 2017 - 1st Trading day for "FTE" in Stock Exchange of Thailand

Present
- Continuous growth and commitment to our clients

OUR EXPERTISE

OUR SOLUTIONS

Design
by qualified engineers to meet international standards.

Supply
of certified products from leading global manufacturers

Installation
delivered by experienced teams following strict safety protocols.

Testing & Commissioning
to verify system performance and confirm operational readiness.

Inspection
and assessments to support compliance, reliability, and risk reduction.

Maintenance
including preventive and corrective services to maximize long-term reliability

INDUSTRIES WE SERVE



COMMERCIAL BUILDING
Office buildings, shopping malls, hotels, mixed-use developments.



DATA CENTER
Fire detection and suppression systems for mission-critical, uninterrupted operations.



HEALTHCARE
Life-safety and cleanroom-compliant systems for hospitals and medical facilities.



MANUFACTURING
Manufacturing plants and industrial facilities.



POWER PLANT & SUBSTATION
Power generation and high-voltage infrastructure.



PETROCHEMICAL, OIL AND GAS
Specialized protection for hazardous and high-risk industrial operations.



WAREHOUSE & LOGISTICS
Warehouses, distribution centers, and logistics facilities.



GOVERNMENT & INFRASTRUCTURE
Public facilities, transportation systems and government sectors.

PRODUCTS & SOLUTIONS
OVERVIEW

WATER BASED FIRE PROTECTION SYSTEM


SPRINKLER SYSTEM


VALVE & ACCESSORIES


ALARM VALVE & PREACTION, DELUGE VALVE



NITROGEN GENERATOR


FIRE PUMP


FIRE HOSE CABINET


FIRE EXTINGUISHER


FLEXIBLE SPRINKLER HOSE

FIRE SUPPRESSION SYSTEM


FK-5-1-12 CLEAN AGENT SYSTEM


CO_2 SYSTEM


INERT GAS SYSTEM


KITCHEN HOOD SYSTEM


FOAM SYSTEM


WATER MIST SYSTEM

FIRE ALARM & DETECTION SYSTEM


FIRE ALARM CONTROL PANEL


SMOKE DETECTOR


HEAT DETECTOR


BEAM DETECTOR



NOTIFICATION DEVICE


FIRE RESISTANT CABLE (LS CABLE)


PAVA SYSTEM

SAFETY PRODUCTS


FIRE FIGHTING SUIT


EMERGENCY LIGHT


EMERGENCY EYEWASH & SHOWER


SAFETY CABINET


SCBA


SPILL CONTROL


LOCKOUT TAGOUT

QUALITY ASSURANCE

ENGINEERING EXPERTISE

CERTIFIED PRODUCTS

INDUSTRY EXPERIENCE

CUSTOMER SATISFACTION

SYSTEM SOLUTIONS



FIRE ALARM & DETECTION SYSTEM

- Intelligent Fire Detection
- Addressable Fire Alarm System
- Voice Evacuation Solutions
- Building System Integration



INERT GAS FIRE SUPPRESSION

- Clean Agent Technology
- Zero Ozone Depletion
- Safe for Occupied Areas
- UL / FM / VdS Approved



KITCHEN FIRE SUPPRESSION

- Automatic Kitchen Protection
- Fast Agent Discharge
- Designed for Commercial Kitchens
- Easy Reset & Maintenance



SPECIAL DETECTION SYSTEM

- Aspirating Smoke Detection (ASD)
- Linear Heat Detection
- Beam Smoke Detection
- Early Warning Technology



WATER MIST FIRE SUPPRESSION

- Water Mist Technology
- Fast Fire Suppression
- Low Water Consumption
- Environmentally Friendly



FIRE RESISTANT CABLE SYSTEM

- Fire Resistant Cable
- LSZH Technology
- Circuit Integrity Performance
- International Standards Compliance

NOTIFIER® by Honeywell · Johnson Controls · Kidde Fire Protection · SECURITON · Hydrocore high pressure water mist · LS Cable & System

FIRE ALARM SYSTEM

HEAT DETECTOR

MODEL 302-EPM MODEL 302 MODEL 302-AW MODEL 302-ET



SMOKE DETECTOR



MANUAL PULL STATION



ADW HEAT DETECTOR



ASPIRATING SMOKE DETECTOR

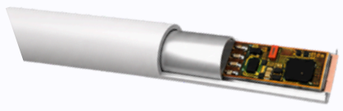


BEAM DETECTOR



LINE HEAT DETECTOR





TO FIRE PROTECTION SYSTEM AND/OR FIRE STATION

- FIRE ALARM RECEIVING PANEL (FACP)
- FIRE COMMAND CENTER
- BUILDING MANAGEMENT SYSTEM (BMS)
- FIRE SUPPRESSION SYSTEM

FIRE ALARM CONTROL PANEL

ALARM BELL / HORN / STROBE LIGHT



GRAPHIC ANNUNCIATOR



LS CABLE



NOTIFIER & SYSTEM SENSOR

- Fire Alarm Control Panels
- Conventional Fire Detection
- Addressable Fire Detection
- Notification Appliances
- Expansion Modules & Accessories

SECURITON

- Aspirating Smoke Detection System (ASD Series)
- Linear Heat Detection System (LISTEC Series)
- Linear Heat Detection Cable (ADW Series)
- Beam Smoke Detection System (ILIA Series)

FIKE SIGNIFIRE

- Video Analytics Fire Detection System

PROTECTOWIRE

- Linear Heat Detection System

MEDC

- Explosion-Proof Manual Call Point
- Audible & Visual Alarm Devices

E2S

- Audible & Visual Alarm Devices
- Horns, Strobes, Beacons & Sounders

NOTIFIER by Honeywell · SYSTEM SENSOR · MEDC · SECURITON · e2S · LS Cable & System

GAS SUPPRESSION SYSTEM

CLEAN AGENT FIRE SUPPRESSION SYSTEM



CLEAN AGENT DISCHARGE NOZZLE

ALARM DEVICE

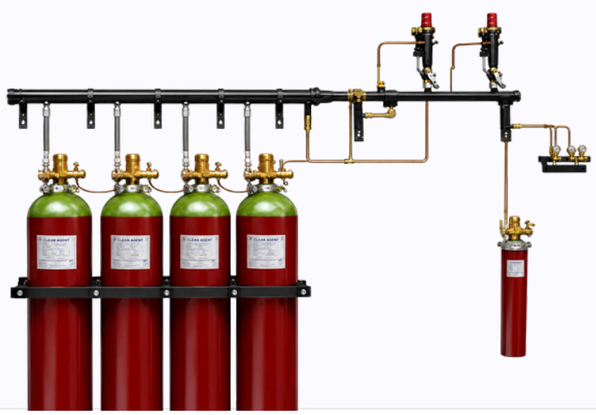
CLEAN AGENT RELEASE CONTROL PANEL

MANUAL RELEASE & ABORT STATION

FIRE DETECTION DEVICE



CYLINDER AND VALVES SET



Kidde Fire Protection

KIDDE FENWAL

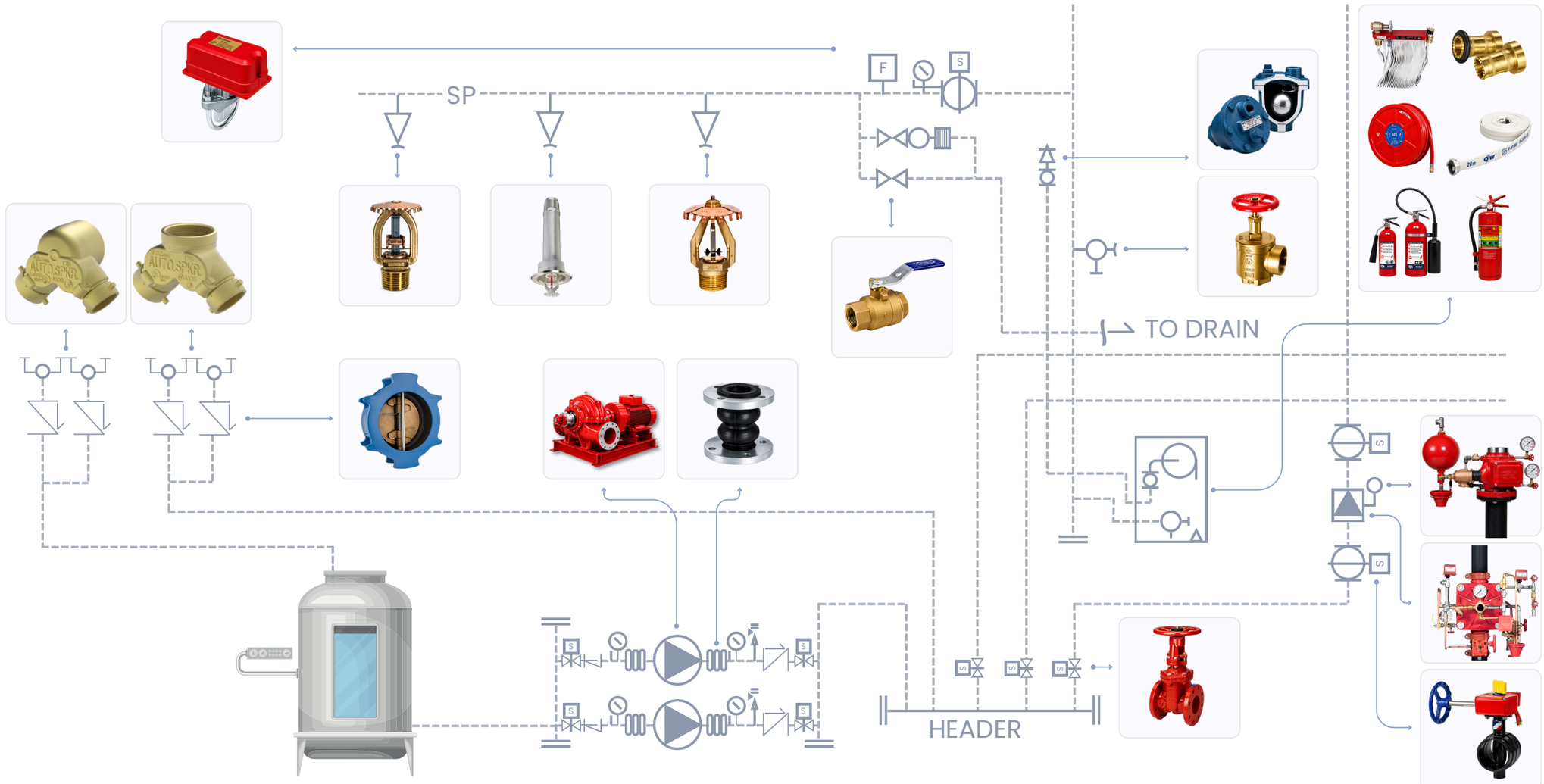
- FM 200
- NOVEC 1230
- HIGH PRESSURE CO^2
- LOW PRESSURE CO^2

Johnson Controls

LPG FIRE

- IG-100
- IG-541
- IG-55

FIRE PROTECTION EQUIPMENTS



SPP PUMPS

Diesel Fire Pump
Electric Fire Pump
Multi-stage Pump
Complete Packaged Pump

Firetrol / TORNATECH

Fire pump controller

GVI

Flow meter

tyco Johnson Controls

Sprinkler
Standard Spray
Extended Coverage
Residential
Storage
Dry Sprinkler
Nozzle

System Valve
Alarm Check Valve
Preaction Valve
Deluge Valve
Dry Pipe Valve

tyco Johnson Controls

Nitrogen Generator
Wall Mounted Type
stand Alone Type

Grooved Couplings
For Fire Protection

Quick installation without welding.
Rigid connections for long runs & risers.
Dampening noise & vibration transmission.

NIBCO

Fire Protection Valves
OS&Y Gate Valve
Check Valve
Butterfly Valve
Ball Valve
Globe Valve
Strainer
NRS Gate Valve

Sanitary Valves
Gate Valve
Check Valve
Globe Valve
Strainer

EASYFLEX

Flexible Sprinkler Hose

SYSTEM SENSOR / POTTER

Flow Switch
Pressure Switch
Supervisory Switch

CLA-VAL

Pressure Relief Valve

MR / TOTAL-FIRE / SRI

Fire Hose Reel
Pressure Reducing Valve

BADGER / TOTAL-FIRE

Omecfire

CO_2 Fire Extinguisher
Wheeled CO_2
ABC Fire Extinguisher
Water Fire Extinguisher

DIXON

The Right Connection

GIACOMINI

Angle Hose Valve
Fire Department Connection
Fire Hydrant
Adjustable Fog Nozzle

OSW / 5ELEM

Synthetic Fire Hose
Polyester Fire Hose
PVC Nitrile Fire Hose

NF NATIONAL FOAM

Foam Equipments
Foam Concentrate

HUACHENG / GIACOMINI

Test & Drain Valve

NEWAGE INDUSTRIES

Mobile Foam Unit

HD FIRE

Equipments & Nozzle
Foam concentrate

JOOTONG

Grooved Fittings and Couplings

WEKSLER

Pressure Gauge

Metraflex

Automatic Air Vent

TOZEN

Flexible Connection

FIRE PROTECTION
EQUIPMENT SOLUTIONS



VALVE & ACCESSORIES

- Fire Protection Valves
- e.g. gate, butterfly, check, ball, globe valve & strainer
- Sanitary gate, check, globe valve & strainer
- Grooved Fittings & Couplings



SPRINKLER SYSTEM

- Wide Range of Sprinkler Heads
- e.g. Residential, Storage, Extended Coverage
- Dry Sprinkler
- Open Nozzle



FIRE HOSE CABINET

- Fire Hose Reel / Rack
- Fire Fighting Hose
- Angle Hose valve
- Nozzle
- Fire Extinguishers
- Pressure Reducing Valve



ALARM CHECK VALVE & PREACTION / DELUGE SYSTEM

- Alarm Check Valve
- Pre-action System:
- Single Interlock and Double Interlock (Electric/Electric and Electric/Pneumatic Actuation)
- Deluge System: Wet, Electric and Dry



FIRE PROTECTION SYSTEM ACCESSORIES

- FDC & Fire Hydrant
- Monitoring Switches
- Pressure Relief Valve
- Pressure Gauge
- Automatic Air Vent
- Test & Drain Valve
- Flow Meter



NITROGEN GENERATOR (CORROSION SOLUTION)

- Wall Mounted & Stand Alone Type
- Reduces Corrosion to Extend System Life
- Maintains System Integrity
- Cost-effective & Low Maintenance



FIRE PUMP

- UL/FM Approved Fire Pumps
- Electric Motor & Diesel Engine Driven
- Horizontal Split Case & End Suction Pumps
- Complete Packaged Systems
- Accessories



FLEXIBLE SPRINKLER HOSE

- UL/FM Approved
- Simple Installation & Relocation
- Cost-effective & Low Maintenance
- Special Flexible Hose for Duct & Cleanroom

Johnson Controls · tyco · NIBCO · DIXON The Right Connection · MR · TOTAL-FIRE

SPP PUMPS · NF NATIONAL FOAM · SYSTEM SENSOR · OSW · BADGER · SRI

PPE PRODUCTS

We provide high-quality Personal Protective Equipment (PPE) to help protect lives and ensure safety in every working environment.



HIGH QUALITY
Reliable protection from trusted brands

COMFORTABLE
Ergonomic design for all-day comfort

COMPLIANT
Meets international safety standards

DURABLE
Built for demanding work environments

SPILL PALLET



ABSORBENTS



SAFETY CABINET



LOCKOUT TAGOUT



EMERGENCY EYEWASH



PPE



FIRE EXTINGUISHER



SAFETY SIGN



SAFETY SHOES



FIRE FIGHTING SUIT



EMERGENCY LIGNT



SCBA



PROJECT REFERENCE



1. High-rise Buildings
2. Low-rise Buildings
3. Subway and Tunnel
4. General Factory
5. Petrochemical Industry
6. Warehouse (area over 1,000 m)
7. Data Center and Electrical Room
8. Power Plant and Substation

HIGH-RISE BUILDING, CONDOMINIUM, HOTEL

แสนสิริ · ศุภาลัย · ideo · Dusit Thani HOTELS & RESORTS

RETAILS & DEPARTMENT STORE

Big C SUPERCENTER · centralplaza · SIAM PARAGON · ROBINSON

CONTRACTOR

SINO-THAI · ITD · TAIKI-SHA · CSCE

DATA CENTER

AIS · dtac · true · WHA GROUP

GOVERNMENT

กระทรวงสาธารณสุข · กรมการขนส่งทางบก · มหาวิทยาลัยมหิดล · การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย · SUVARNABHUMI AIRPORT · AOT · การรถไฟแห่งประเทศไทย

OTHER VALUABLE CUSTOMERS

mazda · TOYOTA · HONDA · MITSUBISHI · CPF · OR · บางจาก · IRPC

PROJECT REFERENCE























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