



COMPANY PROFILE



Fire Fighting and Fire Protection



INTRODUCTION

Dear Valued Customer,

Expecting to supply **fire-fighting and fire-protection** solution to meet the requirement for construction project, we **TAZ International Pte Ltd** was founded in 2001 with the headquarter in Singapore. In 2009, the company expanded operating division to VietNam with 2 branches in Ha Noi and HCMC. With the aim to provide quality products and reliable service, **TAZ** constantly tried and having a prominent development as one of leading company in providing fire fighting and fire protection products. **TAZ** did and continuously will try to bring the best solutions about products and services for customer.

Come to **TAZ** and you will get:

1. **The high quality of products** strictly tested under approved international standard. All of product's origin are from UK,US and Singapore with leading brands such as Tyco, Combat, LPG, Chemguard, Shurjoint...etc
2. The range of **diversified products are completed** to meet specific requirement of every market.
3. The **solution for setting up** Fire Fighting and Fire Protection system for specific situation.
4. Committed to the **competitive price**.
5. The optimal and reliable **customer service**.

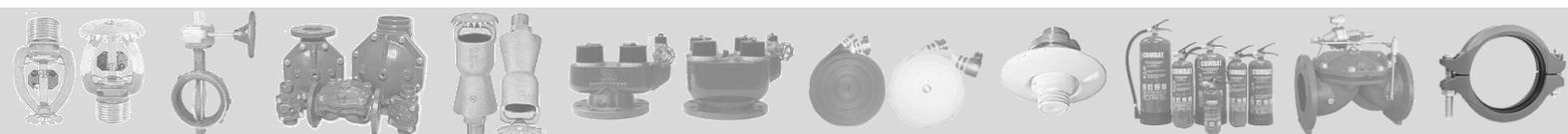
We welcome all inquiries and would be very pleasant if we could be a part of your business circumstance. For more information on our products, please do not hesitate to contact us and state which product that you are interested in.

Look forward to hear from you and being of service to you in the near future.

Thank you very much.

Sincerely yours,

The Management and all staffs.



 **CONTENT****1. COMPANY INFORMATION**

- 1.1 History
- 1.2 Vision
- 1.3 Mission
- 1.4 Offices

2. ORGANIZATION**3. BRANDS & PRODUCTS (*Authorized Distributor as follow*)**

- **TYCO** - sprinklers, dry/wet system valves, deluge & preaction systems, nozzles and accessories..etc
- **GRINNELL** - grooved products, piping & electrical devices...etc
- **COMBAT** - portable fire extinguisher, mobile fire extinguisher, hydrant valves, breeching inlets, fire hose accessories...etc
- **CHEM GUARD** - foam concentrates, dry chemicals, foam equipments...etc
- **LPG** - iFlow Inert gas system - IG55, IG01, IG100, IG541
- **AIRFIRE** - FM200 system, CO2 systems...etc
- **SHURJOINT** - grooved piping products...etc
- **THORN SECURITY** - fire detectors, control panel...etc

4. APPLICATION**5. REFERENCE PROJECT**



1. COMPANY INFORMATION

1.1 History

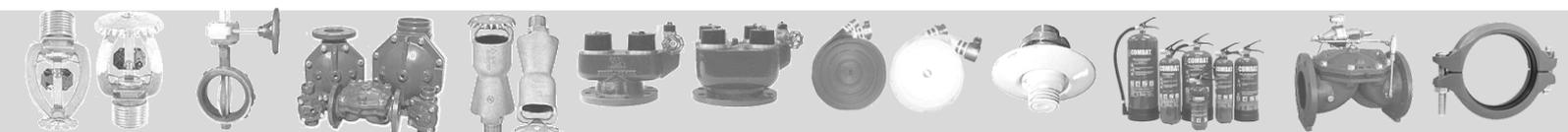
TAZ International Pte Ltd is an engineering & trading company located in Singapore. We started our operations since 2001 as a sole proprietor company and gradually grew our business around the region. In 2004, we had incorporated the company to a private limited company. And in 2009, we expanded the operation with 2 branches in Viet Nam - Ha Noi office and HCMC office under the name as **TAZ Engineering, abbrev as TAZETCO**. Since then the company grew steadily and enjoys a prominent position as one of the leading medium scale companies having multi-facet operations and divisions.

We supply a wide range of products like fire fighting equipments & fire protection systems. I.e. fire extinguishers, Fire hydrant & accessories, all types of cabinets, handline nozzles, firewater monitors, foam concentrates, foam equipment, Sprinklers, Spray Nozzles and Valves etc,

LPG 'iFlow'® 200bar and 300bar IG-55 Clean Agent Systems, LPG 'iFlow'® 200bar and 300bar IG-541 Clean Agent Systems. LPG 42 bar FM-200® Systems, Fire Detection & Control Systems, Devices and Accessories, Grooved Products, Piping Products and Fittings and many other products for diverse industries i.e. Petroleum, petrochemical, chemical, power, commercial/ industrial, pharmaceutical, food & beverages, manufacturing, agro-foodstuffs, water treatment, aeronautics, civil and military, railways, marine and oil & gas industries.

All products that we sell are checked or tested under approved quality control system to ensure that these products are supplied to the relevant specifications, using proven techniques, modern manufacturing methods and industry standards. We know you expect both product quality and dependable service.

Over all these years, we have been successfully enhancing good business reputation and relationship in our market and in the region through our effective & efficient sales and technical service network. With our team of experienced sales consultants and technical personnel, we are committed to provide high quality, reliable service and most important of all, quality products at competitive prices to our valued clients & strategic business partners around the region.





1.2 Vision

With continual improvement and constant search for better standards to be a preferred, premier leading company in diversified products and services for customers and business partners.

1.3 Mission

We are empowered to strengthen our position as specialists in providing the highest possible quality, reliable and standards for all our products & services.

1.4 Offices

Singapore office

TAZ International Pte Ltd

21, Bukit Batok Crescent, WCEGA Tower,
#12-79, Singapore 658065

Tel: 65 63684683, Fax: 65 63691797

Email: sales@tazint.com

Website: www.tazint.com



Hanoi office

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12/22, Pham Than Duat Street, Cau Giay
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Tel: 844 3 7738094 Fax: 844 3 7738095

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Email: salessgn01@tazint.com



Cambodia Representative Office

A11, St271, Sangkat Toum Noup Terk.
Khan Chamkamorn, Phnom Penh,
Kingdom of Cambodia.

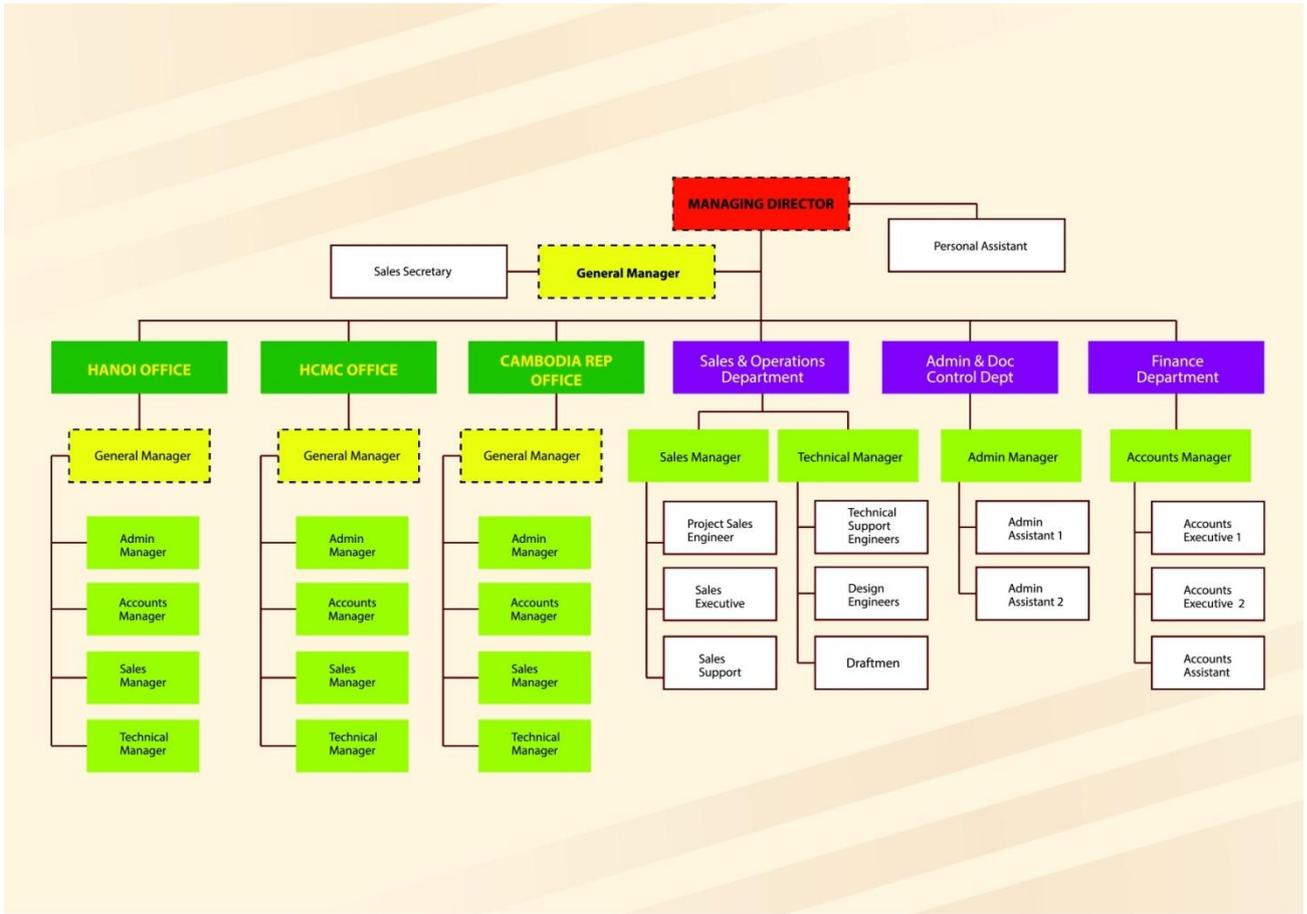
Tel: 855 86776697

Email: cambodia@tazint.com





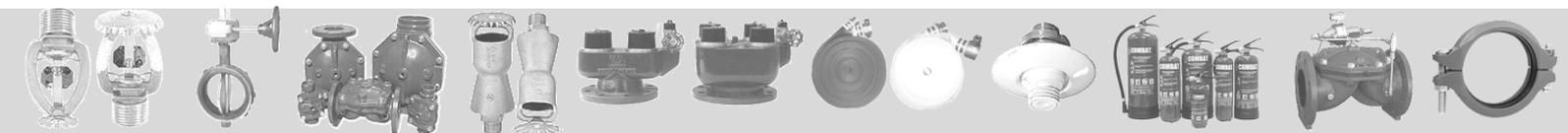
2. ORGANIZATION



3. PRODUCT

We provide a range of products & services for all types of special hazard fire applications and also provide full engineering design and commissioning supports for fire protection projects.

Our complete range of fire protection products for all-risk applications includes:
(Approval: CE, LPCB, UL/FM, Vds, IMO, Solas, Lloyd etc)





Our
products

DRY POWDERS

- Multipurpose ABC Dry Powder
- BC Dry Powder
- Purple-K Dry Powder

FOAM CONCENTRATES

- 3% AFFF
- 6% AFFF
- 3%-6
- % AR-AFFF
- 3% AR-AFFF
- High Expansion
- 3% Fluoroprotein
- 6% Fluoroprotein

FOAM EQUIPMENT

- Foam Bladder Tanks
- Foam Pump Proportioning Skids
- Foam Chambers
- Fixed Foam Makers
- High Back Pressure Generators
- Foam Rupture Disks
- Mobile Foam Units
- High Expansion Foam Generators
- AFFF Hose Reel Stations
- Foam-Water Hydrant Stations
- Foam Tanks with Prepped Eductors
- Atmospheric Foam Concentrate Tanks
- Foam Tank Trailers

FOAM PROPORTIONING DEVICES

- Variable Inline Eductors
- Line Proportioners
- Ratio Flow Controllers
- In-line Balanced Pressure Proportioners

FIREWATER MONITORS

- Manual Monitors
- Oscillating Monitors
- Portable Monitors
- Chain Wheel Operated Monitor
- Elevated Free Standing Monitors
- Remote Controlled Monitors
- Monitor on Trailers

HANDLINE NOZZLES

- Automatic Pressure Control Nozzles
- Constant Gallonage Nozzles
- Selectable Gallonage Nozzles
- Foam Making Branchpipes

HYDRANTS AND ACCESSORIES

- Equipment Storage Cabinets
- Fire Fighting Hoses
- Continuous Flow Reels
- Firewater Hydrants & Post Indicators
- Wyes & Siamese
- Hose Clamps & Hose Control Devices
- Spanners & Wrenches
- Fire Fighting Fittings

SPRINKLER EQUIPMENT

- Sprinklers (Bulb-type)
- Water Spray Nozzles
- Foam Spray Nozzles
- High Velocity Spray Nozzles
- Mechanical Alarm Gongs
- Supervisory Switches
- Pressure Gauges
- Water Curtain Nozzles
- Fire Pump Flow Meters

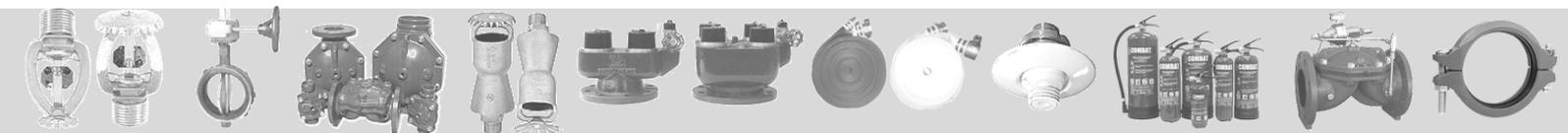
INDUSTRIAL VALVES

- Deluge Control Valves
- Pressure Reducing Valves
- Fire Pump Relief Valves
- Solenoid Controlled Valves
- Pneumatically Activated Valves
- OS & Y and NRS Gate Valves

MISCELLANEOUS

- Fire Alarm System Components
- Carbon Dioxide Extinguishing System
- Clean Agent Gas Extinguishing System
- Flame Detection System
- Supervisory Valve Switches
- Heat Detectors
- Explosion Proof Signalling Devices

**We provide a Comprehensive Selection for all your Fire Protection Requirements
To Eliminate your Fire Risk, choose TAZETCO as your Partner for Professional System Design and
Engineering, Quality Performing Products and Reliable After-Sales Service**



TYCO FIRE PROTECTION PRODUCTS

LEADING THE WAY FOR MORE THAN 150 YEARS

Tyco Fire Protection Products is a leading manufacturer and distributor of water-based fire suppression systems and components, offering one of the broadest lines of fire protection system equipment worldwide.

Continually expanding its capabilities through aggressive research and product development, it provides its customers effective fire protection and construction solutions for residential, commercial, industrial, and institutional buildings. Tyco Fire Protection Products serves a diverse group of specifiers, including architects, engineers, contractors, and associated industries with a nationwide network of distribution and manufacturing facilities. Tyco takes pride in the introduction of new and innovative products, technologies and product application extensions.

With over 150 years in the industry, Tyco Fire Protection Products is uniquely qualified to provide and develop cost effective solutions customized to any building configuration and fire protection application. Our patented solutions provide significant performance advantages with lower installation and maintenance costs.

Tyco also offers the industry's most complete fire protection design software package through its SprinkCAD programs



We stand behind every product we manufacture by offering the industry's only 10-year limited warranty, that's up to ten times longer than our competitors' warranties





SPRINKLERS

Standard Spray Sprinklers



TY-B- Upright, Pendent & Recessed Pendent



TY-B- Horizontal, Recessed Horizontal & Vertical Sidewall



TY-FRB- Horizontal, Recessed Horizontal Sidewall & Vertical Sidewall



TY-FRB- Upright, Pendent & Recessed Pendent



TY-L- Upright, Pendent, and Recessed Pendent



TY-L - Horizontal Sidewall



TY-FRL- Upright, Pendent & Recessed Pendent



TY-FRL - Horizontal Sidewall



RF II - Concealed Pendent Sprinklers



TY-QRF-E0U Flush Pendent

Extended Coverage Sprinklers



EC-25 - Upright



EC-11 & EC-14 Upright, Pendent & Recessed Pendent



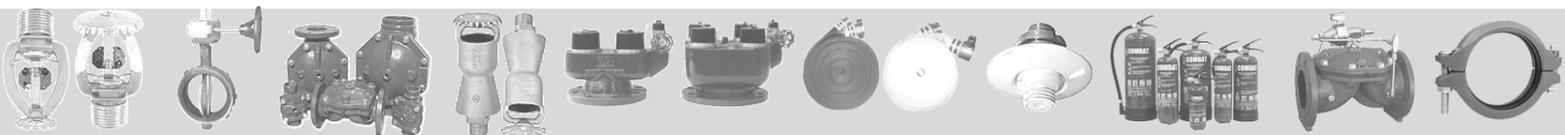
EC-8 Pendent & Recessed Pendent



EC-HS —Horizontal Sidewall



Model CHEC - Sidewall Sprinklers





Storage Sprinklers



Model ESFR-25 Pendent Sprinkler



Model ESFR-1, Upright Sprinklers



Ultra K17, Upright Specific Application Control Mode Sprinkler



Model LD, Large Drop Upright Sprinklers



Series ELO-231, Upright and Pendent Sprinklers



Model ESFR-17 Dry Type Sprinklers



Series TY-B, Intermediate Level Sprinklers, Pendent & Upright



Series TY-FRL, Intermediate Level, Pendent & Upright



Series TY-FRB, Intermediate Level, Pendent & Upright



Series TY-L, Intermediate Level, Pendent & Upright

Dry Sprinklers



DS-1- Pendent, Upright & Horizontal Sidewall



DS-1 Stainless Steel Dry- Pendent



DS-1- Horizontal Sidewall & Extended Coverage Horizontal Sidewall



DS-2- Pendent



DS-3- Extended Coverage Horizontal Sidewall

Special Sprinklers



RAVEN Institutional Pendent & Horizontal Sidewall



Issue D Quartzoid® High Temperature, Upright & Pendent



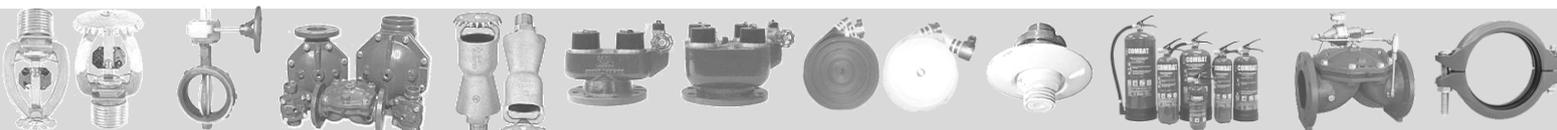
CC1- Combustible Concealed Space, Upright



Window Sprinklers, Horizontal & Pendent Vertical Sidewall



ILLUS ION™ Concealed Standard Coverage Pendent Sprinklers





Patterns and Accessories



Recessed Escutcheons & Protective Paint Caps



Sprinkler Hose



Model G2- Sprinkler Guards



Model G5- Sprinkler Guards



Sprinkler Cabinets

NOZZLES & NOZZLES ACCESSORIES



Type D3 Protectospray



B-1- Upright and Pendent Foam-Water Sprinklers



Velocity Directional Spray Nozzles, Open, Non-Automatic



Directional Spray Nozzles, Open Medium Velocity



Exposure Protection Sprinklers,

VALVES

Wet System Valves & Accessoriess



Alarm Valve



Riser Manifolds



Water Motor Alarm



Residential Shut-Off Valve



Riser Check Valve





Deluge & preaction systems



Deluge Valve, External Resetting Diaphragm Style – 1 1/2" thru 8"



RED-E- Cabinet® Integrated Fire Protection Packages

General Purpose Valves



Grooved Butterfly Valve

Pressure Relief Valve

Grooved Check Valve

Pressure Reducing Valve

Dry System Valves



Dry Pipe Valve

ACC-1 Dry Pipe Valve Accelerator

VIZOR Electronic Dry Pipe Accelerator





RCP-1 Residential Control Panel



AMD-1 Air Maintenance Device, Pressure Reducing Type



AMD-2 Air Maintenance Device, Compressor (small w/o tank) Control Type

System valves & Devices specialty items



QRS Electronic Accelerator



Dry Pipe Valve Accelerators



Fusible Links



Pipe Line Strainers



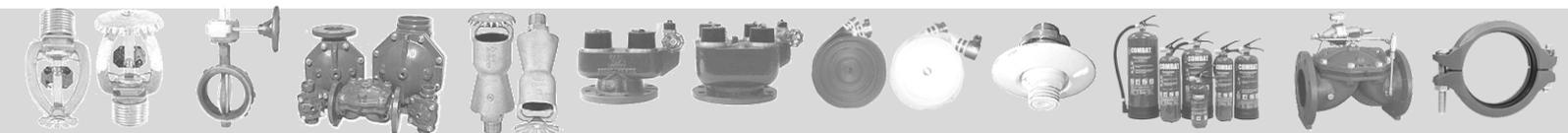
Automatic Drain Valve



Sight Flow Connection



Manual Control Station





GROOVED PRODUCTS



Rigid Coupling



Flexible Coupling



Flexible Reducing Coupling



Flange Adapter



Mechanical Outlet Coupling



Mechanical Tees & Crosses



40-5 Strap



Elbows, Tees, Caps and Crosses



PIPING & ELECTRICAL DEVICES



CPVC Pipe & Fittings



Flow & Pressure Switch



Ball Valve with Tamper & Alarm Switch



G-PRESS Stainless Steel Figure 469 Ball Valve



GRINNELL G-PRESS Stainless Steel Fittings





PORTABLE FIRE EXTINGUISHER



Portable Fire Extinguishers



Dry Powder



Carbon Dioxide



Foam

MOBILE FIRE EXTINGUISHER



Mobile fire extinguishers



Dry Powder



Foam



Carbon Dioxide





OTHERS



Hose Reels



High Pressure Reducing Valves



Hydrant Valves



Pillar Hydrants



Breaching Inlet



Fire Hoses

*** TCVN Type ***



Hydrant Valves



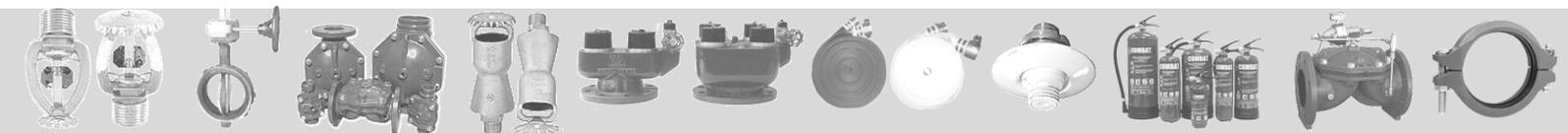
High Pressure Reducing Valves



Breaching Inlets



Fire Hose Accessories





FOAM CONCENTRATES



ULTRAGUARD 1% x 3% AR-AFFF



1% AFFF Foam Concentrate



Vee Foam High-X



3% Fluoroprotein

DRY CHEMICALS



Purple-K



ABC



BC



Purple K - UL

EQUIPMENT



Handline Nozzles



Monitor Nozzles





Manual Monitors



In-Line Eductors



Mobile Equipment

SYSTEMS

Bladder Tanks



Vertical Bladder Tanks



Horizontal Pre-Piped Bladder Tanks



Hydraulic Concentrate Control Valve



Pressure Sustaining Valve

Proportioning Equipment



Line Proportioners



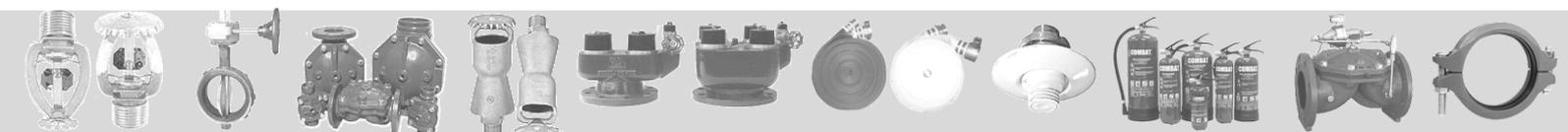
Ratio-Flow Controllers



Ultra-Wide™ Proportioner



In-Line Balanced Pressure (ILBP) Proportioning Units





Others



High-Expansion Foam Generators



Water Powered Oscillating Monitor



Foam Chamber



In-Line Proportioner Pump System

Foam Maker



Rim Seal Foam Pourer



Foam Maker



High Back Pressure Foam Makers



JET-XR High-Expansion Foam Generators

Foam Pumps



Pump Relief Valve



P240 Series Foam Concentrate Pump



P40 Series Foam Concentrate Pump



P80 Series Foam Concentrate Pump

Pre-Assembled Fire-Fighting Stations





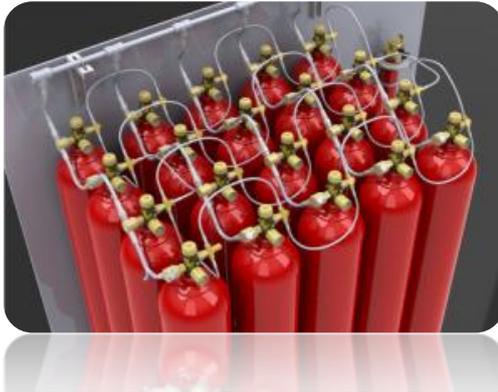
Inert Gas Systems

LPG 'iFlow'[®] 200bar and 300bar **IG-55** Clean Agent Systems

LPG 'iFlow'[®] 200bar and 300bar **IG-01** Clean Agent Systems

LPG 'iFlow'[®] 200bar and 300bar **IG-100** Clean Agent Systems

LPG 'iFlow'[®] 200bar and 300bar **IG-541** Clean Agent Systems



What is LPG iFlow[®]?

- ✓ *It has all the advantages of Inert extinguishing solutions and takes them to a new level.*
- ✓ An *advanced new Technology* based on three main elements:
 - i. *iFlow[®]* Valve: Constant regulated valve flow (patented)
 - ii. *iFlow[®]* non-return Valve (patented)
 - iii. *Matrix design* concept (patented)
- ✓ Available in 80L, 140L cylinders
- ✓ Suitable for *all types of Inert Gas*.
- ✓ *Multi-risk Selector Valve* Capacity.

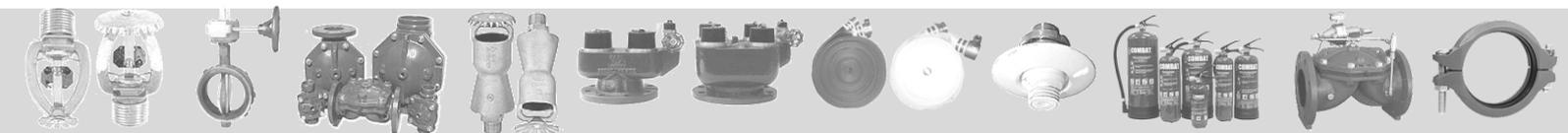




The Clean Agents - FM200 System



Carbon Dioxide(CO2) System





Heavy Duty Rigid Coupling



Rigid Coupling



Extra Heavy Rigid Coupling



Transition Coupling



Flange Adapters



Mechanical Tee



Saddle-Let



Concentric Reducer



Reducing Tee



Grooved Fittings



End Cap



Sprinkler Hub 3 Outlets



Hydrant Elbow



Reducing Sprinkler Hub 3 Outlets



Low-Profile Butterfly Valve





Butterfly Valve



Ball Valve



Swing Check Valve



Dual Disc Check Valve



Suction Diffuser



Y-Strainer



Riser Check Valve



Expansion Joint



A Tradition of Fire Detection Innovation



Ionisation Detector



Heat Detectors

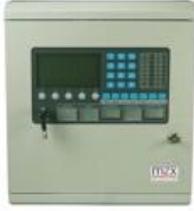


Flame Detector



High Sensitivity Optical
Smoke Detector





MZX250 Control Panel Range



Beam Smoke Detector



MZX250 Control Panel Range



MZX Repeaters

4. APPLICATION



Industrial
Petrochemical



Building
Offices
Hotel



Power Stations
Power Transformer



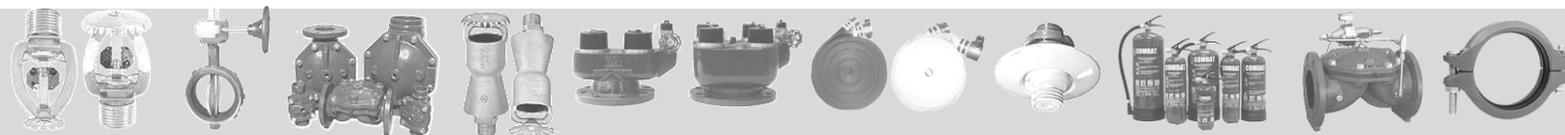
Airports and Hangars



Offshore Oil & Gas
Mining
Marine
Oil Loading Terminal



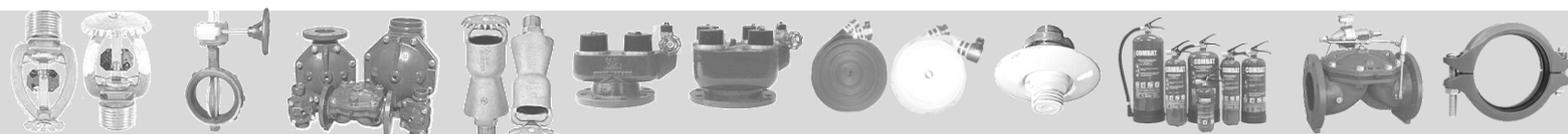
Warehouses
Factories





5. PROJECT REFERENCE

Viet Hung Department ,Ha Noi, Vietnam
Hanoi Golden Westlake, Vietnam
Viettel mobile office building(Hanoi), Vietnam
GE factory @ Haiphong City, Vietnam
2400MW - Son La Hydropower plant @Son La Province - Viet Nam
Toyota Factory, @ Vinh Phuc Province, Vietnam
Petrovietnam- PTSC- Red Ruby (Vung Tau City), Vietnam
Hong Linh Waterworks(Ha Tinh), Vietnam
101 Nguyen Khuyen office buiding(Hanoi), Vietnam
Sai gon Pearl 2B @ Ho Chi Minh City, Vietnam
Petrovietnam- Daihung Wellhead Platform (Vung Tau City)
750 MW - Nhon Trach II Power Plant @ Nhon Trach, Dong Nai Province, Viet Nam
Saigon New Plaza @ Ho Chi Minh City, Vietnam
Savico Plaza @ Ha Noi, Vietnam
Camau I power plant, Vietnam
Dinh Vu Polyester Plant @ Haiphong City, Vietnam
ANZ Bank @ Ho Chi Minh City, Vietnam
3000TD Bunge Soya Crushing Plant @ Ba Ria Province, Viet nam
115KV An Ha Power Plant
Harmona Appartment @ Ho Chi Minh City, Vietnam
Times Square @ Ho Chi Minh City, Vietnam
Dragon Hill Project @ Ho Chi Minh City, Vietnam
ACG international School @ Ho Chi Minh City, Vietnam
Celadon City @ Ho Chi Minh City, Vietnam
Ho Tram Casino @ Ba Ria Province, Viet nam
Pullman Saigon Center @ Ho Chi Minh City, Vietnam
National Convention Center@Ha Noi, Vietnam
Indochina Riverside Towers@Ha Noi, Vietnam
Intercontinental Hotel@Ha Noi, Vietnam
Ninh Binh Thermal power plant@ Ninh Binh, Vietnam
Cai Lan power plant@Quang Ninh, Vietnam
Saigon Exhibition Center@Ho Chi Minh City, Vietnam
Son Dong Thermal power plant@Bac Giang, Vietnam
Hilton Hotel@Ha Noi, Vietnam
The Bitexco Financial Tower- 68 Floors@Ho Chi Minh City, Vietnam
Vincom Tower, Ha Noi, Vietnam
Hanoi Museum@Ha Noi, Vietnam
Sky City@Ha Noi, Vietnam
Crown Plaza@Ha Noi, Vietnam
Da Nang International Airport@Da Nang, Vietnam
Indochina Plaza@Ha Noi, Vietnam
Song Hong land@Ha Noi, Vietnam
Thach Ban garden apartments@Ha Noi, Vietnam





Noi Bai airport control terminal@ Ha Noi, Vietnam
 Ree Tower@Ho Chi Minh City, Vietnam
 Vung Ang I Power plant@Ha Tinh, Vietnam
 Thao Dien Pearl Residential project@Ho Chi Minh, Vietnam
 Metropole Hotel@Ho Chi Minh, Vietnam
 JW Marriot Hotel@Ha Noi, Vietnam
 Nokia Plant@Bac Ninh, Vietnam
 Bridgestone factory@Hai Phong, Vietnam
 Cantavil An Phu apartments@ Ho Chi Minh, Vietnam
 Indemitsu oil factory@Hai Phong, Vietnam



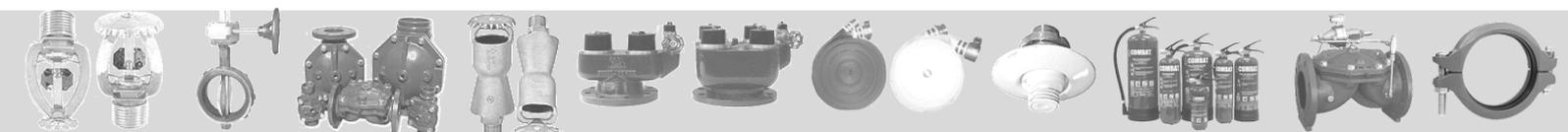
HO TRAM HOTEL AND CASINO

Project Location: Ba Ria-Vung Tau Province, VietNam

Year: 2012

Brand of Product used: COMBAT/TYCO/TYCO-LPG (Combat Equipment, Tyco Equipment & CO2 System)

Owner/Consultant: Aisa Coast Development ltd (ACDL) Group





CANTAVIL AN PHU APARTMENT

Project Location: Ho Chi Minh City, VietNam

Year: 2013

Brand of Product used: COMBAT/TYCO

Owner/Consultant: Daewon Thu Duc Housing Development JSC



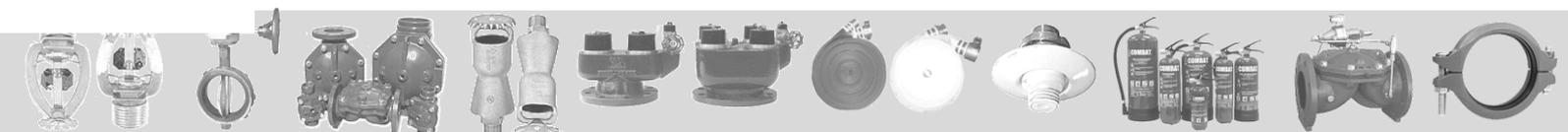
INTERCONTINENTAL HOTEL

Project Location: HA Noi, Viet Nam

Year: 2008

Brand of Product used: COMBAT

Owner/Consultant: Berjaya



**2400MW- SON LA HYDROPOWER PLANT**

Project Location: Son La Province, Vietnam

Year: 2009

Brand of Product used: COMBAT/TYCO

Owner/Consultant: Petro Viet Nam

**2400MW- VINH PHUC TOYOTA FACTORY**

Project Location: Vinh Phuc Province, Viet Nam

Year: 2010 Brand of Product used: COMBAT

Owner/Consultant: Toyota





BRIDGESTONE FACTORY

Project Location: Hai Phong City, Viet Nam

Year: 2012-2014

Brand of Product used: COMBAT/ Akron Brass/ Dixon

Owner/Consultant: Maeda Corp



INDEMITSU OIL FACTORY

Project Location: Hai Phong City, Viet Nam

Year: 2013

Brand of Product used: COMBAT

Owner/Consultant: Takasago Viet Nam





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Fire Fighting and Fire Protection