



E-RESPONSE ALERT SDN BHD

PRODUCT BROCHURE

Introduction



Established in 2003, the E-Response Group of companies was started to serve the Petrochemical Industry and multinational corporations in the region.

E-Response Alert Sdn Bhd is a consultancy firm and a specialist training provider that aims to assist companies in developing and implementing effective strategies and activities in promoting safety and health in their organisation.

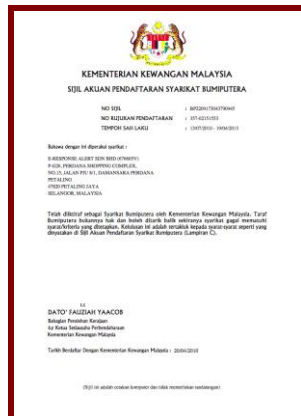
Our services are undertaken by a team of experienced professionals who share more than 20 years diversified knowledge amongst them.

E-Response Alert is registered with the Ministry of Finance, for the provision of Consultancy, Training and Services to Government and Government-Linked Corporations (GLCs).

Certificate of Registered Company With The Ministry of Finance Malaysia. Cert Ref: 338661



*Certificate of Bumiputera Registered Company With The Ministry of Finance, Malaysia
Cert Ref: BP2209173043790945*



Other Government, GLCs and Private Sector Clientele & Registrations:



E-Response Alert is also a PETRONAS Licensed for Oil & Gas 'upstream' works

Company Registration For Trading & Services With Upstream Oil & Gas Companies. Cert Ref: L-035785



E-Response Alert Sdn Bhd

D-2-12, Blok D, Ritze Perdana, No.5, Jalan PJU 8/2, Damansara Perdana, 47820 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA
Tel (Off): +60 3 7725 7151 Fax (Off): +60 3 7725 7148 Website: www.e-response.biz

Registrations, Membership & Affiliations

Registrations



E-Response Alert is registered company with the Ministry of Finance Malaysia, enabling it to provide service and goods to Government and Government linked companies in Malaysia. It is also a Bumiputra status company.



We are also a PETRONAS Registered Company for the provision of Consultancy, Training and Supply of Safety related equipment for the upstream Oil and Gas companies.

Supply & Trading - Agency & Distributorship

Distributorships

E-Response also has secured a number of Agencies/Distributorship in the supply and provision of Safety related machinery and equipment:

POLYSCIENTIFIC

Sole distributorship for major safety equipment and PPE brand names (DuPont; Ansell; AO Safety; etc), which includes chemical and hazmat protection suits.



PROGRESSIVE SAFETY EQUIPMENT

Sole distributorship for an assortment of makes and brand names of rescue, gas detection, fire-safety and fall-arresters equipment.



JALITE

Manufacturer of Photoluminescence signs and paints used for safety and egress marking (eg. "fire exit" signage). Jalite product meets ASTM E2072 - 09 Standard Specification for photo-luminescent (phosphorescent) Safety Markings



VALOR TRADING

Supply of SATA hand tools for garages and workshops. All SATA are fully lifetime warranted against manufacturing default including faulty materials and workmanship.



VISTA ABRASIVE WHEELS

Distributorship for cutting & grinding disc for metal and masonry.

Vista also produces Iron-free cutting and grinding disc, i.e. resin-bonded fiberglass reinforced abrasive wheels.



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Personal Protective Equipment (PPE)

Personal Protective Equipment (PPE)



The company has a number of established regional agencies for reputable makes and models of Personal Protective Equipment (PPE).

It is also a distributor and provides a full and comprehensive range of PPE's for the Petrochemical Industry.

Head, Eyes & Ears Protection

Hard Hat and added accessories
(Face Shield/Ear Muffs)



Ear Muffs (Helmet mounted
and stand-alone)



Safety Goggles



Safety Glasses
(Non Prescription)



Ear Plugs



Ear Muffs with Intercom



Foot Protection

Provide safety shoes and boots for all types of work purpose



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Fall Protection

We provide a wide array of products and safety systems, including fall protection, work positioning, restraint and rescue systems. Each product, whether it's a full body harness or netting system, is tested to ensure that it provides a full level of protection.



Full Body
Harness



Construction Harness

Standard Harness

Cross-over Harness
(Ideal for women)



Shock
Absorbing
Lanyards



Shock
Absorbing
Stretch
Lanyards



Positioning
Lanyards



Double Leg
Lanyards



Fixed
Beam
Anchor

Sliding
Beam
Anchors

Man
Rated
I-Beam
Trolleys

Flexible Cable Ladder Safety System



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Respiratory Equipment



Standard 2-Strap Disposable Respirator



Adjustable Strap Disposable Respirator



Re-useable Respirator



Bitrex Fit Test Kit

Our BITREX[®] Fit Test Kit complies with OSHA standards for qualitative fit testing and includes everything needed to perform fit testing on all Moldex[®] respirators

Hand Protection

Solvent Resistant Gloves



Welding Gloves



Rigger Gloves



Blasting Gloves



Kevlar Gloves
(Cut Protection)



Butcher's Gloves
(Chainmail)



Body Protection - Fire Retardant/Retardant Coveralls (FRCs)

The FRCs are manufactured in Malaysia to the International Standards (NFPA 2112, EN531, EN532, EN533 & EN373). The FRCs are available in many colours and designed to suit individual clients.

Current off-the-shelf suits available:



Nomex

- 1-piece **Nomex** 111A Springfield USA (150 gram, Plain Weave); Dupont, Standards: NFPA 2112
- 1-piece **Nomex** 111A Springfield USA (220 gram, Plain Weave); Dupont, Standards: NFPA 2112
- 2-piece **Nomex** 111A Springfield USA (150 gram, Plain Weave); Dupont, Standards: NFPA 2112
- 2-piece **Nomex** 111A Springfield USA (220 gram, Plain Weave); Dupont, Standards: NFPA 2112



Pyrovatex

- 1-piece **Pyrovatex** CP New Huntsman India (220 gram, Treated cotton fabric); Standards: EN531, EN532, EN533 & EN373
- 2-piece **Pyrovatex** Police FRU Field Suit (220 gram Treated Fabric); Standards: EN531, EN532, EN533 & EN373

General Protective Clothings



Tyvek®

This garment provides the best balance of protection, durability and comfort.

Characteristic:

- Greater range of movement while stretching and bending.
- Improved mobility
- There is also more room throughout the back
- More tailored fit and better overall comfort
- Reinforcement in high stress areas for few blowouts
- In addition, Tyvek® offers:
- An inherent barrier - not a laminate that can be easily scratched or compromised
- Complete range of protective garment styles
- Lightweight, low-linting and anti-static
- Applications: agriculture, food processing, medical applications for use as modesty garments, fiberglass manufacturing, spray painting / finishing operations, lead abatement, asbestos abatement, mold remediation, and other applications involving dry chemicals, dirt and radioactive dust

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Proshield® NexGen®

Characteristics:

- A composite of breathable film and nonwoven fabric
- Lightweight and soft, yet strong, whether wet or dry
- Anti-static treated
- Mid-level barrier protection against non-hazardous particles, non-hazardous light liquid splash and non-hazardous aerosols
- Color: White
- Seams: Serged, Bound or NSR® (thermally welded)
- Applications: agricultural chemical mixing and applications, chemical processing and handling



Temproware®

Characteristics:

- This suit comes from the widest range of affordable totally encapsulating suits to be used for training.
- For use as secondary FR protection to be worn over primary thermal protective garments
- Resists nuisance contamination of primary thermal protective garments from solids and non-toxic liquids
- Limited-use, cost-efficient garments to protect and preserve the investment in primary reusable FR garments
- Color: Light Blue
- Seams: Serged
- Applications: steel mills, coal mines, maintenance work, refineries, laboratories, utilities, etc.

Chemical Protective Clothing



Tychem® QC

Characteristics:

- Quality Coated with polyethylene.
- Protection for minor chemical spills where there is potential for mist or light splash.
- Bright color provides contrast across a wide range of natural backgrounds for high visibility in the workplace.
- Different colors fulfill need for either high or low visibility garment.
- Lightweight fabric that is durable and resistant to tear and abrasion
- Seams: Serged, Bound or Taped.
- Applications: petroleum refining, pulp and paper mills, food processing, chemical processing, pharmaceutical manufacturing, and general durable and non-durable goods manufacturing.
- Commonly used in petro-chemical plants for protection from hydrofluoric acid, 48% and sulfuric acid. Also used at paper processing facilities for protection from black, green and white

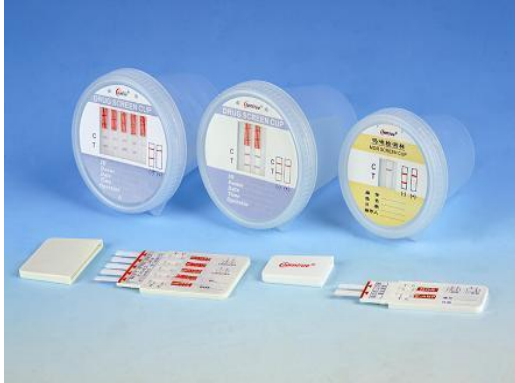
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liquor.

Drug Test Kits

For Drug-of-Abuse Screening Multi-Drug Test-Kits



Rapid Drug Screen-Cup Test Kits

Urine tests kits for the detection of all of the following drugs found in Malaysia:

- Group 1** - Opiates, Morphine, Heroin
- Group 2** - Ganja, Marijuana, THC
- Group 3** - Methamphetamine (Estacy)
- Group 4** - Amphetamine

Fire Rescue Equipment & Fire Extinguishers

Breathing Apparatus



Winches, Hoist & Ladders

Hand Winch



Hoisting System

Rescue Ladder



Tripod Frame

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Integrated Group Communication Unit

The 'Enhanced Mass Decon Kit' provides first responders, hospital triage and security personnel with a two-way voice communications system used to manage large crowds and conduct a mass decontamination. Level A, B & C suits restrict voice commands.

The Enhanced Mass Decon Kit is equipped with push-to-talk radio/ voice amplifiers, stand alone voice amplifiers, push-to-talk radio accessories, as well as a Voice Intercom System (Power Talk Box – hot link to products page) that can be deployed anywhere to effectively communicate and manage small to large crowds. Hospital personnel equipped with voice amplifiers can calmly assess and communicate with patients. When combined with a bull horn, first responders can address large crowds, manage security and maintain calm and order.

All our equipment is waterproof and can be decontaminated



Hazardous Material (HazMat) Protective Clothings



Tychem® TK

Characteristics:

- Made from a high strength nonwoven with non-halogenated films on either side.
- Specifically developed for protection against toxic, corrosive gases, liquids and solid chemicals.
- Tested against more than 280 chemicals. More than 260 of these with no observed permeation after eight hours of continuous contact.
- Vapor-protective NFPA 1994, 2007 Class 2 garments available in TK612 and TK613
- Color: High-Visibility Lime Yellow
- Seams: Taped or Double Taped
- Applications: emergency hazmat teams, chemical handling, petrochemical industry, hazardous materials/waste cleanup

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Tychem® EX (Level-A HazMat Suit)

Characteristics:

- Fully encapsulating, rear entry, with one exhaust valve.
- 40 mil PVC / 5 mil Teflon / 20 mil PVC for extra protection, combined with clarity and unmatched field of view.
- Gas tight zipper closure, double storm flap, expanded back for SCBA, attached inner Barrier / outer Butyl dual glove system, attached sock booties, and boot flaps.
- Suited for industrial, HazMat and domestic preparedness situations.
- Extremely durable, puncture and tear resistant fabric.
- Tested against more than 260 challenge chemicals. This includes WMD chemicals Lewisite, Mustard, Tabun, Sarin, Soman, and X.
- Totally encapsulated, vapor protective Level A.

Hazardous Material (HazMat) Support Equipment & Accessories



Decon Shower

- Base dimensions: 5'x5' (1.52m x 1.52m)
 - Adjustable shower height: 6' to 8'6" (1.83m to 2.59m)
 - Replaceable 185-gallon (700-liter) capacity catch basin made from chemical-resistant Responder® material
 - Deluxe nylon case with wide webbing handles and full-length zipper
 - Portable and easy to put together
 - Greatly reduces the possibility of environmental contamination
- Removable spray wand with adjustable shut-off valve and ergo-grip handle allows better control of water flow
 - Lightweight - complete kit: 25 lb. / 11.34 kg

Applications: field operations where one or more portable decontamination showers are needed; emergency hazmat response teams; large industrial sites where portability is a key factor in decontamination.



CoolGuard®

Cool-Guard® jacket offers state of the art cooling technology and is designed as a one-size fits all garment, for body types size SM-4X, with adjustable shoulder and side straps

Patented phase change material provides cooling for the wearer for several hours without discomfort

More efficient body cooling than ice due to less vasoconstriction.

Applications: Any application where heat stress may be a limiting factor in worker performance.

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Universal Pressure Test Kit

This new universal test kit is designed for periodic air pressure testing on all Level-A Suits, which are fully encapsulated. This compact, lightweight kit is completely self contained, requiring no external air supply.

Pressure test kits are used to test Level-A Suits per the methods described in ASTM F 1054, "Practice for Pressure Testing of Totally Encapsulated Chemical Protective Suits" and EN464 "Leak-Tightness of Gas-Tight Suits (Internal Pressure Test)".

Applications: All Level A, gas-tight suit applications.

Fire Extinguishers

Portable Monnex & ABC Dry Powder Fire Extinguisher



Portable Foam & Water Fire Extinguisher



Portable Carbon Dioxide Fire Extinguisher



Carbon Dioxide Trolley Fire Extinguisher



Dry Chemical Powder & Foam Trolley Fire Extinguisher



Mobile Foam Trolley Fire Extinguisher



Flammart-Monnex Dry Powder Fire Extinguisher



The Flammart-Monnex Dry Powder Fire Extinguisher is the most effective dry powder extinguisher in the market for fast knockout of liquid fires, used by Oil and Gas majors globally, and use in places like airports, heliports, racetracks, fuel depots, petrol stations and any flammable liquid store where fast knockdown of flames is essential. One special characteristic of Flammart-Monnex Fire Extinguishers is that requires LESS powder-for-powder as compared to the other ABC Dry Powder Extinguisher available in the market. The high performance capability of Monnex allows for less powder to be used resulting in lighter extinguishers and/or in larger quantities, is able to fight and kill bigger fires.

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Spill Containment Kits



Universal Sorbent Socks - General purpose absorbent sock is ideal for spill control, everyday maintenance and general operations. Use for absorbing both oil and water.



Oil-only Sorbent Socks - Designed to absorb oil and petroleum, without absorbing water and water based products. For controlling and cleaning up oil spills. Absorbs only oil and petroleum products, while repelling water.



Yellow Absorbent Hazmat Socks - HazMat absorbent socks are great for absorbing chemical spills including oil, water, acid, bases and many other fluids. Ideal for absorbing unknown spills. The HazMat Socks are yellow so they stand out.



Teal-Sorb Super Absorbent – Designed to bring any liquid into its structure and lock it away. Capable of absorbing up to 7 times its own weight in liquid.



Salvage Drums –

Standard sizes are 14, 20, 30, 65 and 95 gallon. Handles Damaged or Leaking Containers of Hazardous Materials. Blow Molded HDPE Construction. UN Certified & DOT Compliant. FDA Approved

Grinding Disc & Wire Brushes

Grinding Disc



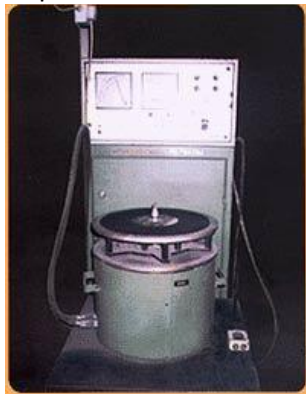
Supplier of cutting & grinding disc for metal and masonry.
Vista also produce Iron-free cutting and grinding disc, i.e. resin bonded fiberglass reinforced abrasive wheels.

Vista now manufactures resin bonded fibreglass reinforced grinding wheels via technical knowhow agreement and license from PHILMUT SPEZIALMASCHINENBAU GMBH, GERMANY. The Vista grinding wheels which is manufactured under exacting standards and meets tight safety compliance, has been approved by the Germany Grinding Wheel Committee (DSA Cert No. 3043).



Stringent Testing Protocols for Safety & Quality

Balance Testing : Vista emphasize on very stringent control of their wheels balancing in order to ensure our customers' safety and production efficiency requirement.



Efficiency Testing : Every production batch of grinding discs are tested to ensure the consistency of manufacturing quality free from defects.



Strength Test or Bursting Speed Test : Vista Abrasive Sdn Bhd emphasize on safety, sampling strength test or bursting speed test has been done out of each production batch.



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Wire & Poly Brushes for Cleaning, Stripping and Polishing

We supply a several configurations and types of power brushes which are ideal for heavy-duty applications.

It can be used in deburring, weld cleaning, weld prep, descaling, rust and paint removal, pipeline fitting, wire stripping and many more.

We can also supply both the twist knot-style for heavy-duty brushing and crimped-style for lighter applications.



Poly Brush



Polybrush is made of Nylon impregnated with extra coarse Silicon Carbide abrasive grain, a highly flexible disc alternative to wire brush, hand scrapers and abrasive discs

Tough open web makes this product non-loading and cool-working, no harm to the work piece, which is easy to clean

Its ideal for cleaning of rust, paint, coatings, welding blue, adhesive, and epoxy of delicate surfaces.

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Workshop Tools & Equipment

We carry a complete range of SATA workshop tools, equipment and accessories. Call us for a **full range catalogue and price quote**. All SATA tools and equipment are **lifetime** warranted.

Socket Wench Sets



Socket Sets



Ratching Wrench Sets



Auto Specialty Tools



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Non-Sparking Tools

We can provide a complete range of **Non-Sparking, Non-Magnetic, Corrosion Resistant** Tools

Screwdrivers, Pliers & Spatulas



Wrenches



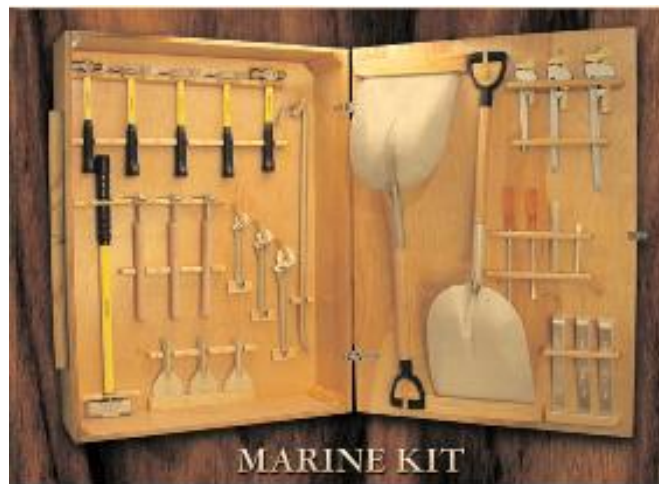
Hammers, Axes & Picks



Hazmat Tool Kits



Custom Built Marine Kit



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Gas & Radiation Detection Systems (Fixed & Portable)

Single Gas Portable Detection System.

Sensors available: H₂S, CO, O₂, NH₃, Cl₂, ClO₂, HCN, NO, NO₂, PH₃, SO₂.

Intrinsically safe & explosion-proof enclosure for hazardous locations

ToxiRae 3



AutoRAE Lite for ToxicRae 3



ToxiRae 2



Multi Gas Portable Detection System



MultiRAE Plus

Features O₂, LEL, PID, and any two plug-in “smart” toxic sensors: CO, H₂S, SO₂, NO, NO₂, Cl₂, HCN, NH₃, PH₃.

Intrinsically safe & explosion-proof enclosure for hazardous locations

Fixed Gas Detection System

Available sensors: CO, H₂S, O₂, SO₂, LEL & IR.

Intrinsically safe & explosion-proof enclosure for hazardous locations



Portable Photo Ionisation Detectors (PID) System

The patented sensor provides the following unique features:
A 3-second response time
Extended range up to 15,000 ppm with improved linearity
Humidity compensation with inbuilt humidity and temperature sensors
Real-time wireless data transmission
Measure more chemicals than any other PID
Intrinsically safe & explosion-proof enclosure for hazardous locations

MiniRAE
3000



PpbRAE
3000



Compound Specific Detection System

For Petrochemical use
Extended range up to 10,000 ppm (in VOC mode) with improved linearity
Humidity compensation with built-in humidity sensor
Automatic temperature-controlled sampling time calculation
Detects benzene down to 50 ppb (0.05 ppm)
RAE Systems Correction Factors list for more than 200 compounds, measuring more compounds than any other PID
Intrinsically safe & explosion-proof enclosure for hazardous locations

UltraRAE



ChemRAE



Portable Radiation Detection Systems

Sensitive CsI and LiI scintillators for excellent search capability and fast response
Prominent visible, audible and vibration alarms
Immersible in water for easy decontamination
Continuous digital readout in $\mu\text{R/h}$ ($\mu\text{Rem/h}$), $\mu\text{Sv/h}$ ($\mu\text{Sieverts/h}$) and cps (counts per second) for gamma; cps (counts per second) for neutron radiation
Dust and shock resistant
Two AA Alkaline batteries last up to 600 hours
Large, 30,000-point datalog capacity, downloaded via cable-free Bluetooth® connection

GammaRAE IIR



NeutronRAE



Area gas and radiation monitoring and detection system

Real-time wireless data transmission with built-in RF modem
View real-time sensor data and alarm status at headquarters or command center.
ProRAE Remote software simultaneously controls and displays and readings for up to eight remote detector
ISM band RF transmission with communication range up to 2/3 miles



AreaRAE Inert

Features Up to five sensors (PID, LEL, O2, and two toxic)



AreaRAE Steel

5 sensors (PID, LEL, O2 and two electrochemical toxic gas)



AreaRAE Gamma

Up to 4 gas sensors (PID, LEL, O2 and selectable toxic gas) and One radiation sensor (Gamma)



AreaRAE

Toxic sensor socket accepts CO, H2S, SO2, NO, NO2, Cl2, HCN, NH3, or PH3 sensors



Life Saving Decision Support Tools



PlumeRAE Systems Rapid Deployment Kit

Releases of toxic materials present first responders with an immediate challenge – determining what actions need to be taken to protect nearby populations. They must answer a number of questions:

- Where is the toxic plume headed, and in what concentration?
- What areas need to be evacuated?
- Who should shelter in place?
- What roads should be closed?

How do we prioritize actions with limited resources available?

The PlumeRAE is a unique, turn-key solution that allows rapid monitoring and assessment of situations involving the release of hazardous substances and gives first responders information to make crucial decisions.

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PLumeRAE Systems Rapid Deployment Kit consists of:

- Four AreaRAE Wireless Detectors with GPS
- ProRAE Remote Software preloaded in a PC
- Complete package for charging
- Carrying case for easy transportation

SAFER Systems powered Plume Measurement Software complete with GIS mapping data. Recommended to be linked with the WEATHERPAK® kit (a solid-state weather station monitoring wind speed, direction, temperature, solar radiation, and humidity)

The Life Shirt



The LifeShirt was created to meet the needs of first responders, HazMat workers & firefighters.

The LifeShirt chest strap embedded with sensors that continuously collect life sign information - breath rate, heart rate, activity, posture and skin temperature are all monitored by the sensors in the strap. Using a RAElink2 Modem, it easily integrates into an AreaRAE Network for real-time remote monitoring and data collection at a remote command center, where a commander can simultaneously monitor multiple team members.

All of the collected data is stored and can be used for post-event analysis

HazRAE



HazRAE includes integrated response information for more than 96,000 chemical agents (TICs, TIMs, CW agents), biological agents (bio-weapon and bioterror agents), radioactive materials, and improvised explosive devices. HazRAE's materials database can be searched using traditional identifiers such as name, UN or CAS number.

HazRAE can also search for and identify unknown materials by physical properties, such as color and odor, or by the symptoms of victims of exposure. HazRAE Features More than 150 fields containing physical properties, material hazard categories, decontamination procedures, working allowances, reactivity & Acute Exposure Guidelines (AEGs).

Safety Signage

Safety & Fire Luminescence Signages

Our principal are the world leaders in photo-luminescent technology and produces photo-luminescent fire and safety signage; and products of the highest quality. In compliance to the following standards:

- ISO 7010 : Graphical Symbols for safety colours and safety signs, for workplaces and public areas
- BS ISO 16069 : Graphical symbols for safety signs, safety wayguidance systems
- BS ISO 17398 : Safety colours and safety signs for classification, performance and durability of safety signs
- ISO 15370 : Ships and marine technology for low location lighting on passenger ships
- DIN 67 510 : Deutsche Normen Standard for test method for luminance performance



Choosing a size:
The following examples shows the difference in sizes for JALITE Exit signs and a recommended maximum viewing distance for each size.

Sign Size	Recommended Maximum Viewing Distance
T size: 120 x 340mm	17 metres
K size: 150 x 400mm	22 metres
J size: 200 x 450mm	30 metres
QQQ size: 300 x 900mm	47 metres

Safety Signage

