

# International Council For Industrial Security & Safety Management



**Newsletter: November 2013**

**Let's professionalize the professionals...**

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**Happy Dipawali!  
May it be Safe & Secure to All!!**

The season of gaiety and festivity has already begun starting with Ganesh Puja, Id-ul-fitr and Durga Puja and Dussahara! Children have been anxious and excited over the year for this period only. Dipawali is round the corner. Many families will travel to their native places leaving behind their homes locked and under the care of security personnel who have to prove themselves once again worthy of trust and confidence which families have in them. Let all security personnel rise to this moment and discharge the duties more diligently and carefully!

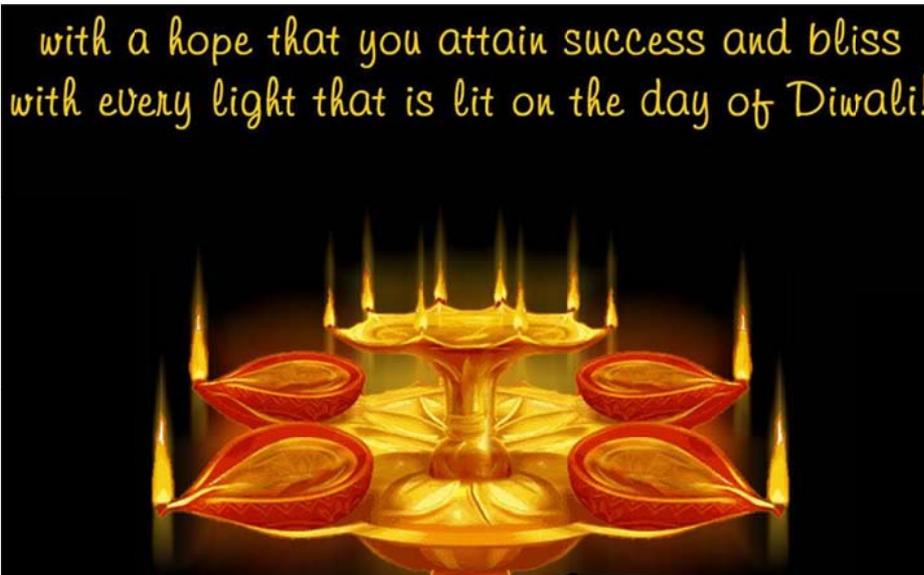
However as it has often been said, security is not the duty of the security personnel alone. Everyone has to be security conscious and must discharge the basic responsibility to start living securely. In this direction, the least every one of us has to do is to secure the doors and windows while leaving the house. We keep lots of valuable items in the home and trust the security with a cheap lock! The doors sturdiness as much as heavy duty locks and bolts will add to the security of every residence.

Children need to be advised for safety precautions with fire crackers. Parental guidance is always essential and keeping first aid box is not a bad idea at all!!



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with a hope that you attain success and bliss  
with every light that is lit on the day of Diwali!



**Capt S B Tyagi  
For ICISS**

**Wish all our readers a  
very Happy and  
Healthy Diwali!  
Hope it brings  
prosperity, pleasure  
and poise all year  
round!!  
May it be safe &  
secure to all!**



## Precautions in Handling Crackers

Light is the symbol of prosperity and joy. In the Indian sub-continent a great tradition coming down from centuries is Dipawali i.e. festival of lights. It is celebrated after twenty days from Dussahara on Amavasya - 15th Day of dark fortnight of Kartika month of Indian calendar. The festival of lights is celebrated in different ways in different regions of Indian sub-continent. On this pious occasion feasting, merry making and joyful get-togethers are main features.

Dipawali is a time of celebration for the whole family and friends. There is lot of thrill involved, as one gets to burst many crackers and fireworks. However one needs to be very careful while handling fireworks. You don't want to turn a celebration into a mishap. There are some Do's and Don'ts which if followed carefully, will ensure you and your family a safe and joyous celebration.

### Culture

Firecrackers are commonly used in celebration of holidays or festivals, such as Shab-e-Barat In Pakistan, Halloween, Independence Day also known as the 4th of July in the United States of America, Dipawali in India, Hari Raya in Malaysia, and especially the celebration of Chinese New Year by Chinese communities around the world and Spanish Fallas.

### What to Do

- Buy Fireworks from a licensed shop
- Keep the fireworks in a closed box
- Store crackers away from sources of fire or ignition; also keep them away from the reach of toddlers.
- Read the instructions and follow all safety precautions instructed with regard to the use of fireworks.
- Burst crackers in open spaces like playgrounds and fields.
- Take care and light crackers at arm's length using a taper.
- While lighting the crackers, stand at an arm's length, away from the Cracker.
- Discard used fireworks in a bucket of water. This way you can avoid people from stepping on to and hurting their feet from used fireworks which are thrown on the ground.
- Keep buckets of water and blankets ready, in case a firebreaks out
- Wear thick cotton clothes while bursting crackers, so as to ensure maximum safety from fire
- If your clothes happen to catch fire, do not panic just drop down on the ground and roll.

### What not to Do

- Don't burn crackers in crowded, congested places, narrow lanes, near sources of fire or inside the house.
- Don't let children burst crackers unaccompanied by an adult. Keep an eye on them constantly.
- Don't put fireworks in your pocket.

- Don't cover crackers with tin containers or glass bottles for extra sound effect.
- Don't dare to examine un-burst crackers...leave it!! Light a new cracker
- Don't show the Dare-devilry of lighting crackers on own hands. One tends to light bombs, by bringing them close to the candle or incense, rather than bringing the incense close to the bomb. Avoid doing such feats, as there are chances of the firework falling on someone passing by.
- Avoid long loose clothes, as they are fast in catching fire.
- Don't remove burnt clothing (unless it comes off easily), but do ensure that the victim is not still in contact with smoldering materials.
- Don't try to burst the blisters.
- Avoid lighting of rockets.



## What to do in case of Injuries

- If you happen to suffer from any burns splash tap water (not ice water), on the affected area. Repeat the process till the burning sensation reduces.
- Rush the victim to the hospital immediately.
- Make sure the burned victim is breathing. If the victim's airway is blocked open the airway, and if necessary begin rescue breathing
- Avoid any kind of friction or pressure on the burnt area.
- Cover the area of the burn with moist plastic sheet as it will not stick to burns (do not use blanket or towel for covering the burns). Do not use any ointment on burnt area without doctor's advice.

Consult the doctor as soon as possible for proper medication. Consult an ophthalmologist immediately in case of eye injuries.

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## Festival Times: Security Tips

There is a need to be extra alert during the festival times. Few tips will definitely help all of us if followed judiciously and religiously:

- Keep at least one light on during night. Never disclose your vacation plans. Inform trustworthy neighbors about your vacations. Instruct them not to disclose your plans to common housemaid, gardener etc. in your absence.
- Intimate neighbors to watch your house in your absence.
- Don't leave valuables and jewelry at home. Ensure proper locking of all cupboards, and inner doors of room, outer doors and windows.
- Arrange placement of heavy items like cupboards, sofa set etc. on back door and door of upstairs situated on first floor. These are proven technique and help to deny forced entry.
- Volume of phone may be kept at minimum. Continuous loud ringing will belie your presence in the house.
- Drive safely. Don't guess even if you are driving on well-known road.
- Before leaving home, remove all electrical appliances to avoid short circuit.
- Don't leave bicycles, empty LPG cylinders and other valuables in open.
- Avoid complacency that "it can't happen to me, and if it's going to happen, it's going to happen."



# Security of Homes

## Information & tips for Burglary Prevention



Our home is our comfort zone after a hectic day at work. However, the comfort comes with the feeling that our home is safe. So, the safety of our home, once we leave for work or go out and protecting your home and family from criminal intrusion should be high on our priorities.

### Home Burglary

Home Burglary is the most common threat to our homes. The crime of burglary is actually a non-confrontational property crime that occurs when we away from home. To prevent burglaries, it is important to first understand as to who commit burglaries; and why? The majority of home and apartment burglaries occur during the daytime, when most people are away at work or out of home for any other reason. Burglaries are committed most often by young males, looking for items that are small, expensive, and can easily be converted to cash e.g. cash itself, jewelry, watches, laptop computers, VCRs, video players, CDs and other small electronic devices. The burglars like to use minimum possible force to enter a house and prefer to gain easy access through an open door or window. Ordinary household tools like screwdrivers, channel-lock pliers, small pry bars, and small hammers are most often used by burglars. Home burglaries actually involve a selection process. The burglars choose unoccupied homes with the easiest access, the greatest amount of cover, and the best escape routes.

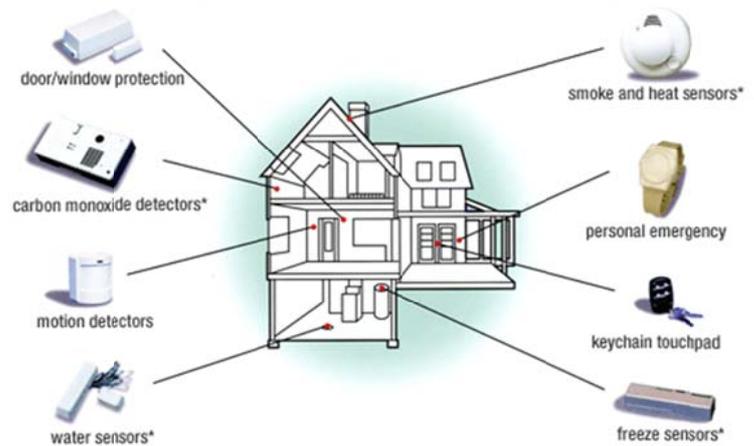
### Safety from burglaries – Tips for prevention:-

The following steps may minimize the risks of burglary, by making your home unattractive to the potential burglars:-

- Harden the target or make your home more difficult to enter (a burglar will simply bypass your home, if it requires too much effort or skills and tools than they possess)
- Most burglars enter via the front, back (or garage doors – especially in western countries). The garage and back doors also provide good cover.
- Use a solid core or metal door for all entry points
- Use a quality, heavy-duty, deadbolt lock with a throw bolt and knob-in-lock set with a dead-latch mechanism
- Use a wide-angle peephole, mounted no higher than 58 inches
- Most common way used to force entry through a wooden door is to simply kick it open. The weakest point is almost always the lock strike plate that holds the latch or lock bolt in place followed by a glass paneled door.
- The average door strike plate is secured only by the soft-wood door molding, which is often tacked on to the door frame and can be torn away with a firm kick. As such, preferably use a heavy-duty, four-screw, strike plate with screws which should penetrate into a wooden door frame.
- Use at least one long screw in each door hinge.

Windows are often left unlocked and open at a much higher rate than doors. An open window, visible from the street, may be the sole attraction for a burglar. Ground floor windows are more susceptible to break-ins for obvious reasons. Upper floor windows become attractive if they can be accessed from a stairway, tree, fence, or by climbing on balconies. Windows have latches, not locks and therefore, should have secondary blocking devices such as:-

- Secure all accessible windows with secondary blocking devices like iron “grills”
- Make sure no one cannot reach through an open window and unlock the door
- Make sure no one can reach inside the window and remove the blocking device
- Use alarms devices, as far as possible, on ground floor accessible windows.



Good Neighbor should look out for each other. Get to know your neighbors. Invite them into your home, communicate often, and establish trust. Good neighbors will watch out for your home or apartment when you are away, if you ask them. They can report suspicious activity to the police or to you. Good neighbors can pick up your mail, newspapers, handbills, and can inspect the outside or inside of your home periodically (if you desire / choose to). Allowing a neighbor to have a key solves the problem of hiding a key outside the door. Experienced burglars know to look for hidden keys in planters, under doormats etc.

### As Good Neighbor:-

- know all your adjacent neighbors / return the favors and communicate often
- Invite them into your home and establish trust
- Agree to watch out for each other's home
- Do small tasks for each other to improve dependability
- Offer occasionally to park their car in your driveway/garage

Interior lighting is necessary to show signs of life and activity inside a residence at night. A dark home night-after-night sends the message that you are away. Light timers are inexpensive and can be found everywhere and should be used on a daily basis, to set up a routine that your neighbors can observe and will allow them to become suspicious when your normally lighted home becomes dark.

Typically, you want to use light-timers near the front and back windows with the curtains closed. The pattern of lights turning on and off should simulate actual occupancy. The same light timers can also be used to turn on radios or television sets to further enhance the illusion of occupancy. Exterior lighting is also very important to allow seeing if a threat or suspicious person is lurking around. Good lighting is definitely a deterrent to criminals because they don't want to be seen or identified.

Therefore:-

- use interior light timers to establish a pattern of occupancy
- exterior lighting should allow at least 100- feet of visibility



- use good lighting along the pathway and at your door
- use light timers to turn on/off lights automatically
- in addition, can also use infra-red motion sensor lights on the rear of the homes

Alarm systems definitely have an important place in a home security plan and can be very effective in preventing burglaries. The alarm systems increase the potential and fear of being caught. The burglars will usually bypass a property with visible alarm signs. Some people having installed alarm systems do not display them and risk uninformed burglars to break a window or door and grab a few quick items before being caught / chased. Alarms systems can monitor for fire as well as burglary for almost the same price. All systems should have an audible horn or bell. These audible alarms should be programmed to reset automatically after one or two minutes. Therefore:-

- alarm systems may be installed since they are effective deterrents with visible signage
- alarm systems should be properly installed, programmed, and maintained
- alarm systems should have an audible horn or bell to be effective
- keep the alarm response call list updated
- Instruct your neighbor how to respond to an alarm bell

Having a 'Safe' in your home is a wise investment. Home safes can prevent grab-burglars, dishonest maids or other visitors (like plumbers, electricians, mechanics etc.) from gaining access to important documents and personal property. Home safes need to be anchored into the floor or permanent shelving and should be used on daily basis so it becomes routine.

It is a good idea to engrave (or permanently ink) your own identity marks on television sets, music systems, computers and small electronic appliances and other such items, so that the same can be identified and you can be approached, if something is stolen from your home and recovered later on.

It is also important to photograph your valuables in their locations around your home and make a list of the make, model, and serial numbers. This can come handy a proof when filing insurance claims. A copy of such list should be kept in the bank locker or with a relative. Keep receipts of the larger items in case you need to prove the value of the items for insurance purposes. Important documents and the contents of your wallet can also be photocopied for reference in case your home is ever destroyed by fire or flood, is ransacked by burglars or if your wallet is lost or stolen.

## Contraband Detection

Contraband consists of items such as unauthorized weapons, explosives, and tools. Because they can be used to steal or gain access to or damage vital equipment, weapons and explosives are considered contraband. Where these items are a part of the threat definition, all personnel, materials, and vehicles should be examined for contraband before entry is allowed. Vehicles are difficult to search. If possible, it is advantageous to allow only required vehicles into the secured area. Large or high-security sites may not allow vehicles to leave the secured area routinely. Methods of contraband detection include metal detectors, package searches, and explosive detectors.

**Metal Detectors** - A metal detector is a device which responds to metal that may not be readily apparent. The simplest form of a metal detector consists of an oscillator producing an alternating current that passes through a coil producing an alternating magnetic field. If a piece

of electrically conductive metal is close to the coil, eddy currents will be induced in the metal, and this produces an alternating magnetic field of its own. If another coil is used to measure the magnetic field (acting as a magnetometer), the change in the magnetic field due to the metallic objects can be detected.

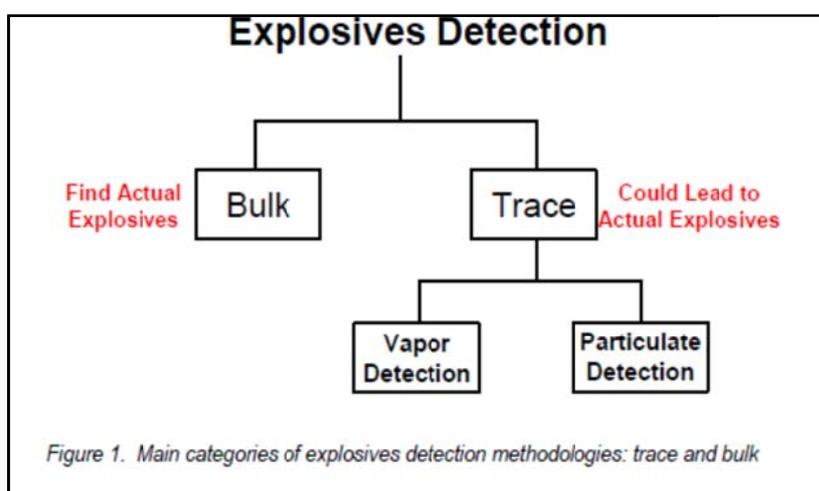
The first industrial metal detectors were developed in the 1960s and were used extensively for mining and other industrial applications. Uses include de-mining (the detection of land mines), the detection of weapons such as knives and guns, especially in airport security, geophysical prospecting, archaeology and treasure hunting. Metal detectors are also used to detect foreign bodies in food, and in the construction industry to detect steel reinforcing bars in concrete and pipes and wires buried in walls and floors.

**Package Search** - Packages may be searched for contraband manually or by active interrogation. Active interrogation methods used to detect various objects considered contraband include single-energy transmission x-ray, multiple-energy x-ray, computer tomography (CT) scan, and backscatter x-ray. In general, these methods are not safe for use on personnel;

### Explosives Detection –

Explosives detection methodologies are divided into two major categories:

- trace detection and
- bulk detection methods (see Figure 1)



### Vapor Detectors

Gas Analyzer & Explosive Vapor Detector (VD) is intended to detect explosive vapors such as (TNT, nitroglycerine, EGDN, hexogen, octagon, TEN and their compositions) during examination of different objects looking for explosive devices. VD may be used to protect enterprises, banks, governmental buildings, offices, living premises, different means of transport (automobile, air, railroad, water).



VD combines high sensitivity, selectivity and ergonomic factors. VD is easy in operation; it does not require high level of operators training. During operation, VD does not require periodical adjustment and setup procedures. VD works well in wide range of environmental humidity and temperature.

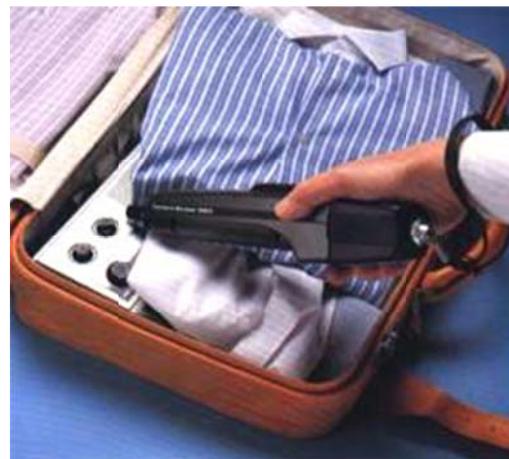
Explosive Vapor Detector (EVD) is intended for non-hermetic environment and cavities investigation for explosive scents and explosives residue detection on a questioned item surface. It might be luggage and luggage compartment of vehicles and carriers, various containers, hands, clothes and even passports and other documents of the item handler or other suspected persons.

EVD is capable to detect traces of explosives based on TNT, NG & EGDN, PENT & PETN,

RDX, HMX, Tetryl as well as mixed substances, plastic & elastic compounds like Semtex, H-6, HBX, Minol- 2, Amatol, rimacord, Primasheet, Tetrytol, Tritonal, Corbit N, A-LX-1, A-LX-20 and etc.

### **Bulk explosives detection -**

Bulk explosives detection involves the detection of a macroscopic mass of explosives material (a visible amount of explosives), usually based on either imaging or on nuclear (molecular) properties of the explosive. Bulk detection methods are less dependent than trace detection methods on sampling techniques (sample collection), and are not affected by the presence of an explosive background. However, equipment costs associated with bulk detection are often higher, and some bulk detection techniques especially those based on imaging, such as x-ray imaging may have a lower degree of specificity than trace detection methods.



**Reference:** [http://www.elkat.co.il/en/products?page=shop.product\\_details&category\\_id=9&flypage=flypage.tpl&product\\_id=81](http://www.elkat.co.il/en/products?page=shop.product_details&category_id=9&flypage=flypage.tpl&product_id=81)

## **Going Out? Check list for Safety & Security**

### **House Security:**

- Keep close watch on modus operandi of thefts occurring in your area and take corrective action at your home.
- Use maximum locking device at home. Delay is important factor in theft. As much as hurdles you will put, more it will be inconvenient to thieves.
- Keep friendship with your neighbors. Keep them informed about your long absence. Give them the task of watching your house and give them phone numbers to contact you in emergency.
- Contact regularly your neighbors during absence and remind them the task given.
- Do not disclose exact time or period of your absence to servants, newspaper vendor, hawkers etc.
- Must not tell milkman or newspaper vendor about your intended absence. Let them guessing about your date of return.
- Piling-up of newspaper in front of entrance is telltale sign of your absence. Ask your neighbor to remove them every day.
- Do not tell your children or maidservant exact travel plans. They spread the news far and wide.



### **While Driving:**

- Be sure that you have all documents with you while driving. It will increase your confidence.

- Plan your journey in advance and start your journey with sufficient time for reaching at a destination.
- Do not use alcoholic drink.
- Use safety belt. Majority of lives lost in accidents is due to non-use of safety belt.
- Children should be asked to sit in rear seats. Or separate them because they divert attention on petty issues.
- A torch, fan belt, first aid box, extra wheel, headlamp, toolbox, water etc. are some of the essential items in long journeys.
- Do not drive continuously for a long period. Even five minutes engine stop is enough for rest.
- If possible follow a vehicle of ideal speed with ideal distance when road is unknown to you.
- Do not talk on interesting issues while traveling with family and friends.
- Inspect vehicle after every 3 to 4 hours of journey.

If you find this information important, you may send it to your friends. Points are based on common sense but some time we forget to remember them before moving out of house. Readers may add other essential points as per their experience.

## Offensive / Nuisance Phone-Calls



Anyone of any age or sex can be subject to Nuisance / threatening telephone calls. Calls of this nature are both frightening and are otherwise most unwelcome.

There can naturally be a perfectly innocent explanation. People may have rung the wrong number, and if when you pick up the phone to answer it, you are greeted by lots of high pitched noises, then it is almost certainly a fax or modem that has been sent to the wrong number. Unfortunately, these tend to ring time after time until they either just give-up or someone stops them - irritating but not a danger.

Depending on where you are, making threatening calls can be a criminal offence, and should be treated as such. There are various ways of dealing with such offenders.

These offences are sometimes covered by civil law but often are covered by the laws governing telephony.

### How to handle it?

- No need to give your name or number, just say 'Hello'
- Don't give private information over the phone unless you know and trust the caller
- Don't start a conversation with this type of caller, it's a no-win situation. Just put the receiver to one side and wait a few minutes before hanging up gently
- Shouting and yelling will only make the situation worse. Don't be provoked, keep calm
- Blowing whistles down the phone can result in them doing the same to you.



The law enforcement departments usually work closely with the telephone companies, who have a special section, to prevent and follow up this type of call. In fact the telephone companies are the first to contact in such cases.

These calls can be traced, and once the number has been identified, the details are passed to the police who investigate the link between the number and the person making the call. If you are receiving these types of calls, don't start your own detective agency, and don't assume that you know who it is. Instead, contact the law enforcement folk and the telephone company.

## Upcoming Event

<h3>2nd Global Energy Security Conference</h3>	<b>Associate Sponsor:</b>
 <p><b>2nd Global Energy Security Conference 2013</b></p> <p>November 11-13, 2013 Abu Dhabi, U.A.E</p>	
<p>It's our great pleasure to announce our sequel conference, the 2<sup>nd</sup> Global Energy Security Conference, this coming November 11-13, 2013 at Abu Dhabi, UAE. After our first successful conference on Global Energy Security Conference last May 20-22, 2013 at Shangrila Hotel Dubai, UAE.</p>	<b>Event Partners:</b>   <b>Media Partners:</b> 

For more details, please visit - <http://www.pcstconsultant.com/2nd-global-energy-security-conference/>

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