



***SEED FOR SAFETY***



***SAFE***  
***Weekly***  
***Magazine***

**EDITOR**

**A.KALLARPIRAN.BE, DIS, DIFS**

**Designed By,**

**SEED FOR SAFETY**

# **How to Prevent Electrical Shock**

## **Method 1: Preventing Electric Shock In Your Home**

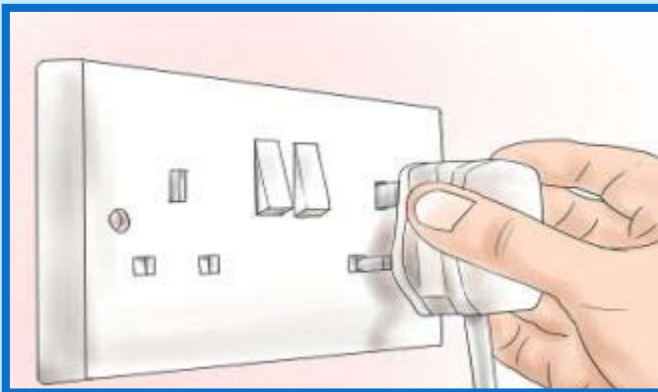
1. Learn how electricity works and why electric shock occurs.



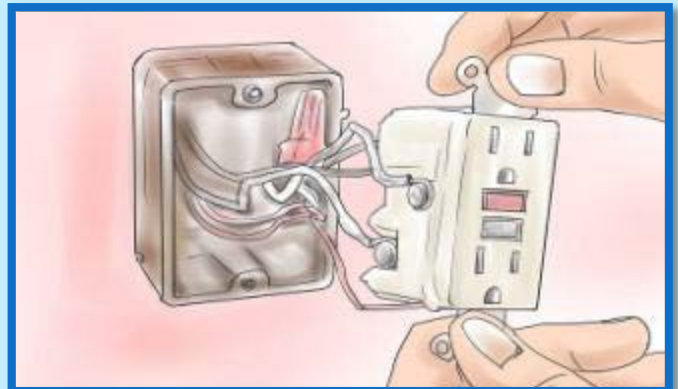
2. Find out the electricity requirements of your home and household appliances.



3. Cover sockets and outlets.



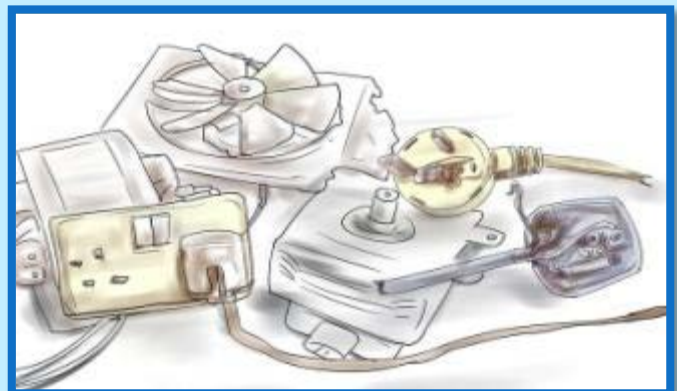
4. Install Ground Fault Circuit Interrupter (GFCI) outlets and adapters.



5. Store and use electric devices away from water.

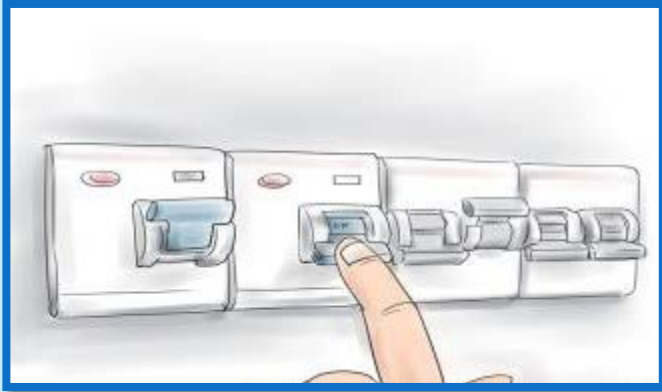


6. Replace electrical equipment that is worn or damaged.



## Method 2: Preventing Electric Shock on the Job

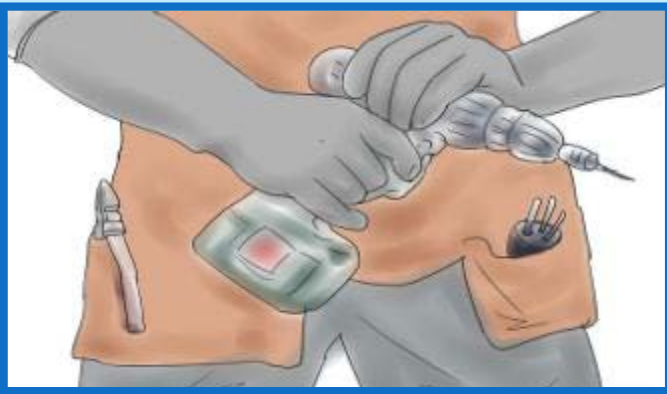
1. Turn the power source off before working with electricity.



2. Wear protective gear.



3. Exercise caution when operating power tools.



4. Call a professional for big jobs.



## Method 3: Preventing Electric Shock in a Lightning Storm

1. Check the weather report.



2. Watch for signs of a coming storm.



# ***Electrical Safety with A Special Focus on Thermography & Earthing***



<b>Title</b>	Electrical Safety with a Special Focus On Thermography & Earthing
<b>Category</b>	Electrical Safety.
<b>Duration</b>	15 <sup>th</sup> May 2015. Time: 9.30 am to 4.00 pm.
<b>Location</b>	SEED Training Hall – Camproad, chennai.
<b>Fees</b>	Rs.1250 + Tax, Per Participant

**Mode of Language** : English & Tamil

**Course objectives** : This course will cover all Electrical Safety with a Special Focus On Thermography & Earthing

**Who should attend?** : Maintenance, Production & Safety etc.

WHAT WILL YOU LEARN?	WHO WILL TEACH?
<ol style="list-style-type: none"> <li>1. Why Safety</li> <li>2. Hazards of Electricity</li> <li>3. Earthing Systems Safety And Risk Assessment</li> <li>4. Arc Flash Hazard Analysis And Mitigation</li> <li>5. Safety Procedures and Methods</li> <li>6. Lock Out Tag Out (LOTO)</li> <li>7. Review of General Work and Plant Safety Rules</li> <li>8. Regulatory and Legal Safety Requirements and Standards</li> <li>9. Safety Requirements for Special Equipment</li> <li>10. About Thermography</li> <li>11. Thermography Demonstration</li> <li>12. About Earthing</li> </ol>	<p><b>Expert From Industries</b></p>

## **SEED FOR SAFETY**

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Tel: 044-22681385, 22270314. Web: [www.seedforsafety.org](http://www.seedforsafety.org) Email: [support@seedforsafety.com](mailto:support@seedforsafety.com)

# **Accident Case Study**

## **Nepal Earthquake**

### **Incident:**

Places: Nepal

Date:

Death Toll crosses 4,100 in Nepal Earthquake, thousands seek shelter

In addition to 7,953 people were injured in Saturday's 7.9 –magnitude temblor,

### **Causes:**

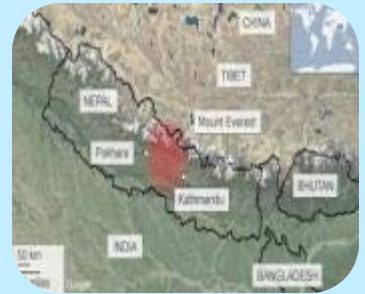
- Faults are fractures in Earth's crust where rocks on either side of the crack have slid past each other.
- Sometimes the cracks are tiny, as thin as hair, with barely noticeable movement between the rock layers. But faults can also be hundreds of miles long.

### **Consequences:**

- Up to eight million people have had their lives disrupted after a deadly earthquake shook Nepal.
- Surface rupture occurs when movement on a fault deep within the earth breaks through to the surface.

### **Preventive Measures:**

- Securing the means for and providing emergency transportation.
- Providing rescue, first aid and medical treatment.
- Procuring and supplying food, drinking water and the basic necessities of daily life.
- Providing emergency housing.
- Emergency measures to provide lifeline facilities.
- Coordinating volunteer aid.
- Establishment of measures for highly dangerous zones by earthquakes.
- Preparation for emergency measures.



# **SEED FOR SAFETY**

## **Free Video Project**

### **Video Topics:**

<b>English</b>	<b>தமிழ்</b>
<i>Fire Safety</i>	<i>தீ பாதுகாப்பு</i>
<i>First Aid Safety</i>	<i>முதலுதவி பாதுகாப்பு</i>
<i>Road Safety</i>	<i>சாலை பாதுகாப்பு</i>
<i>Construction Safety</i>	<i>கட்டுமான பாதுகாப்பு</i>
<i>Environment Safet</i>	<i>சுற்றுச்சூழல் பாதுகாப்பு</i>
<i>PPE Safety</i>	<i>பணியாளர் பாதுகாப்பு சாதனம்.</i>
<i>Electrical Safet</i>	<i>மின்சார பாதுகாப்பு</i>
<i>Emergency Planning</i>	<i>அவசரகால திட்டமிடல்</i>
<i>LPG Safety</i>	<i>LPG ghJfhg;G</i>
<i>Kids Safety</i>	<i>குழந்தைகள் பாதுகாப்பு</i>

**Note : Courier or Postage Charges Rs.100/ Per CD Only**

# **Frequently Asked Questions In Safety**

## **1. How many types inspection?**

There are 5 types inspection ; pressures of boilers( supervisor)

- Continuous inspection – select employees / operator
- Periodical Inspection – material storage, fire fighting equipments, handling equipments
- Intermittent inspection – un announced inspection done by safety officer, safety committee. ( Particular work spot)
- Statutory inspection – storage area, location at height ( cranes, ropes, chains, it my tackles inspection)
- Special inspection – accident investigation

Inspection of new building, general lighting, use of PPE's etc. construction work.

## **2. What is safety management?**

Safety management is an act and science of setting safety objectives of the industrial company.

## **3. What is accident investigation?**

Accident investigation means to carried out immediately the occurrence of accident to find out real facts to avoid the future accident.

## **4. What is accident statistics?**

It means to maintenance of accident details

## **5. How to investigate an accidents?**

- Injured persons name, address, designation age
- Exact place and types of hazards
- Date, shift, time
- To find out the causes/ reasons
- To take correction action
- Fact finding not fault finding

# **Tool Box of the Week**

## **ENVIRONMENTAL AWARENESS**

### **VIBRATIONS**

Vibration is not only a health and safety problem it is also an environmental concern.

Vibration mainly occurs from demolition and piling activities within construction.

The following ways to reduce vibration should be considered by you at all times: -

- When carrying out demolition work minimise the distance materials can fall as this will help to reduce levels of vibration.
- Vibration caused by heavy plant can cause environmental pollution therefore haul road surfaces should be kept as smooth as possible and carefully repaired potholes in the access road may also help to reduce this.
- Ensure you keep good relations and communications with neighbours as they often worry about damage to their property caused by our activities.

If you believe there to be a vibration problem on site or in area where you are working contact your supervisor.





## **Quiz of the Week**

Q1. Safety management is an \_\_\_\_\_ and \_\_\_\_\_ of setting safety objectives of the industrial company.

Q2. \_\_\_\_\_ or \_\_\_\_\_ fragments from arc welding or cutting may result in serious burns.

Send your answers at [support@seedforsafety.com](mailto:support@seedforsafety.com)

Winner will be awarded with a cash prize of Rs.500.If more than one person answers the quiz correctly, then winner will be selected based on random pick up by the selection committee.

**Winner of the last week: Mr. Ravikumar (Coimbatore)**

## **Safety Vacancy**

**Position** : **Safety Officer**

**Client** : **MNC**

**Experience** : **B.E / ME & Diploma with RLI Industril Safety**

**Mail at** : **[support@seedforsafety.com](mailto:support@seedforsafety.com)**

## **Feed Back**

Dear Sir,

I am from H & R Johnson ( India), ( A Division of Prism Cement Ltd.), Pen Plant. We are very much thank full for you are providing valuable information through magazine. it is very informative & useful magazine.

We are wishing you to continue this project & we all safety Professional are with you.

Best of Luck !!!!!

Regards,

S B Bangale

Deputy Manager ( Safety) H & R Johnson ( India)

**SEED FOR SAFETY ACTIVITIES**

***Fire Extinguisher AMC Service***



# **SEED FOR SAFETY SERVICES**

- ❖ *Safety Training*
- ❖ *Competency Certificate*
- ❖ *Safety Audits*
- ❖ *HSE Consultation*
- ❖ *HSE Posters*
- ❖ *Safety Multi Skill (SMS) Practical Training*
- ❖ *Customized Accident Prevention Audit (CAPA)*
- ❖ *Safety Officer / Supervisor / Steward Deputation*
- ❖ *Environmental Services*
- ❖ *Safety Management Systems (SMS)*
- ❖ *Fire Detection & Protection*
- ❖ *Personal Protective Equipment*
- ❖ *Accident Investigation*
- ❖ *Safety Videos & Safety E Learning Package*
- ❖ *CSR Activities on and Behalf of the Corporate.*

# *Be Grateful...*



*Get in touch with....*

## **SEED FOR SAFETY**

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