

## Be prepared for a fire emergency

- Check the location of fire alarms and know how they work.
- Learn your building evacuation plan.
- Know where your two nearest exits are located.  
Learn how doors swing and where stairs lead.
- Make sure nothing blocks fire pulls, extinguishers and emergency exits.
- Learn the sound of your building fire alarm.
- Post emergency numbers (including security(2400) and first aid(2227)) near your telephone.
- Make sure you know what to do if the fire alarm sounds.  
Plan your escape.



In the event of a fire,  
your personal safety is your  
most important concern.

Remember – you are  
not required to fight a fire.

## When you notice a fire:

- Pull the nearest fire alarm “pull station” while exiting the floor.
- If there is no pull station:



- Do not assume that anyone else has already called the fire department.
- Stay calm and be prepared to answer the operator's /Security questions regarding the emergency.
- EVACUATE !



## When you hear the fire alarm (continued):

- Close doors behind you, however do NOT lock the door. Locking the door hinders the fire department's search and rescue efforts.
- The stairway will be your primary escape route. **Never, never use elevators under any circumstances.**
- Once in the stairway, proceed down to the first floor and out of the building. Never go up.

# 87 children die in TN

As the thatched roof went up in flames and collapsed, the children, most of them between eight and 10 years, had no way out and most of them died on the spot.

Row S Maram  
News Service

ASUNCIÓN (UPI) At least 87 aged between eight and 10 years were on Friday killed, 20 of them while



A Child is helped out of the Ycuá Bolanos supermarket in Asuncion, Paraguay on Sunday. The fire broke out while it was crowded with Sunday mid-day shoppers.

## Fire sweeps supermarket in Paraguay, over 300 dead

The cause of fire is not known, though witnesses say an explosion was heard before the fire swept through the building.

When you hear the fire alarm:

- Leave at once, taking direction from the emergency warden.
- Do not delay yourself by gathering personal items. Your safety always comes first.
- Before you open any door, feel the door with the back of your hand. If the door is cold, slowly open it a crack.
- If there is no smoke in hallways or stairwells, follow your building's evacuation plan. Get out quickly using designated fire exits.



## If you are trapped in smoke or heat:

- Before you open any door, feel the door with the back of your hand. If the door is warm to the touch, DO NOT attempt to open the door.
- Stuff the cracks around doors with towels, rags, clothing or tape, and cover vents to keep out smoke.
- Stay low to the floor, and if possible, cover your mouth and nose with a damp cloth or dust mask to help you breathe.
- If there is a phone in the room where you are trapped, call the fire department to tell them exactly where you are located. Do this even if you see fire apparatus on the street below.



## After a fire emergency:

- Once you are out of the building, STAY OUT!  
Do not go back inside for any reason.
- Report to your warden for roll call at your designated assembly point.
- Tell the fire department via your warden if you know of anyone trapped inside the building.
- Only re-enter if and when the fire department tells you it is safe to do so.

## **FIRE STOPPING**

- Fire stopping is the sealing of gaps in fire resistant constructions
- Gaps are created due to :-
  - Service penetrations
  - Structural movement
  - Poor workmanship

## What is wrong in these pictures?

- Modern Building Structures of India 2010.....



# What is wrong in these pictures?

Modern Building Structures of India 2010.....



# INSPECTION & MAINTENANCE

- What is wrong in these pictures ?





**HYDRANT**





## Electrical fire

- Every year FIRE destroy several lakhs of valuable property, render many Homeless, and hundreds of people are killed.
- Some of these fires are caused by the electrical system failures and appliances defects, but many more are caused by the misuse and poor maintenance of electrical appliances ,incorrectly installed wiring and overloaded circuits and extension cords
- **Don't get too casual with Electricity. Just because there's no flame doesn't mean there is no RISK**

- At night how many of your appliances are using electricity ?
  - Obviously the computers, Fridge, Freezers, Coolers & other equipment
  - How many are plugged into live sockets? The Radio, Food processor, TV, DVD, Fridge etc..
- 
- **EACH ONE IS CONNECTED TO ENOUGH  
TO START A “FIRE” INSTANTLY**

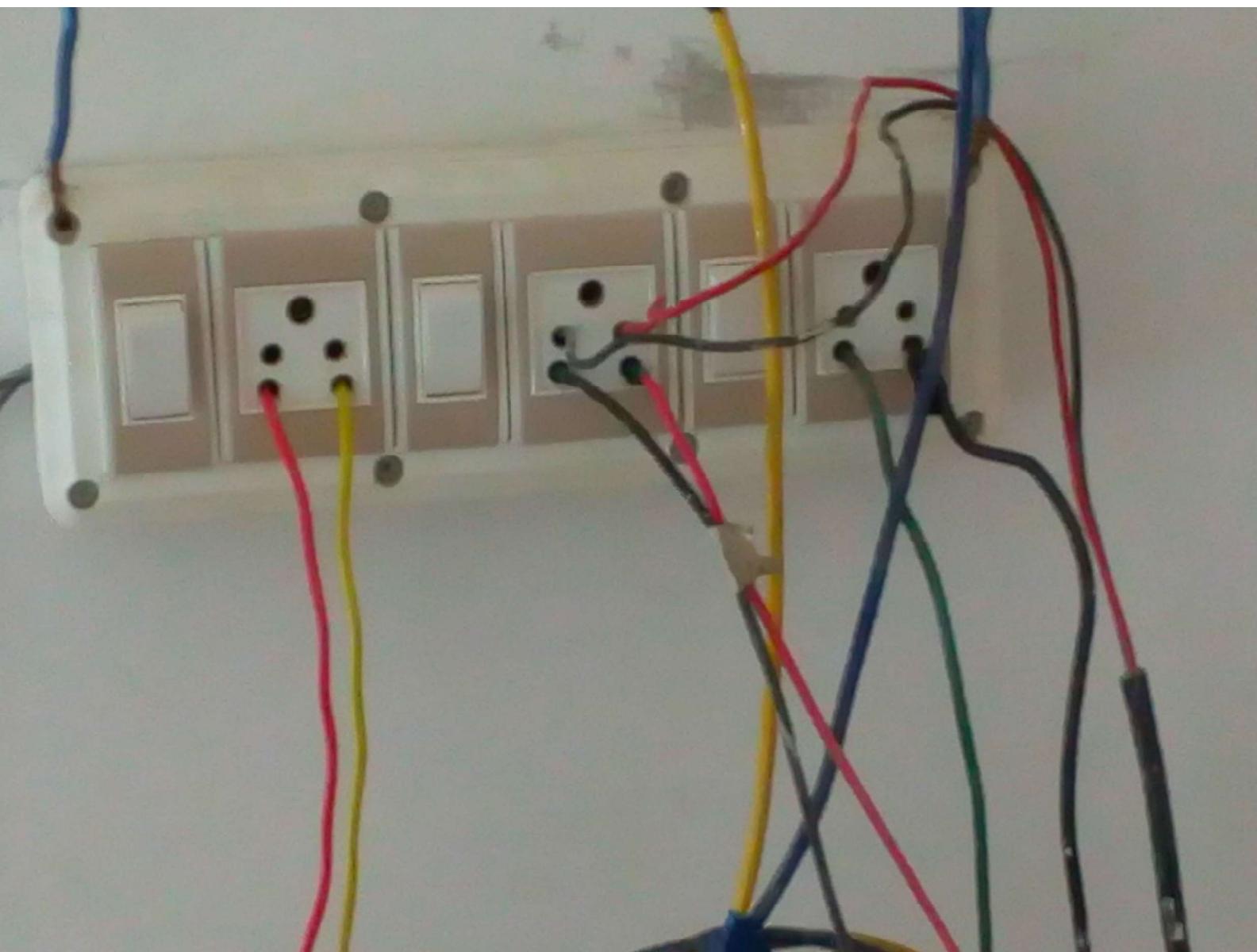


■ Electricity allows us to perform many activities, but we may suffer serious accidents if we do not use it properly

● Over loads

● Short circuits

● Isolation failures











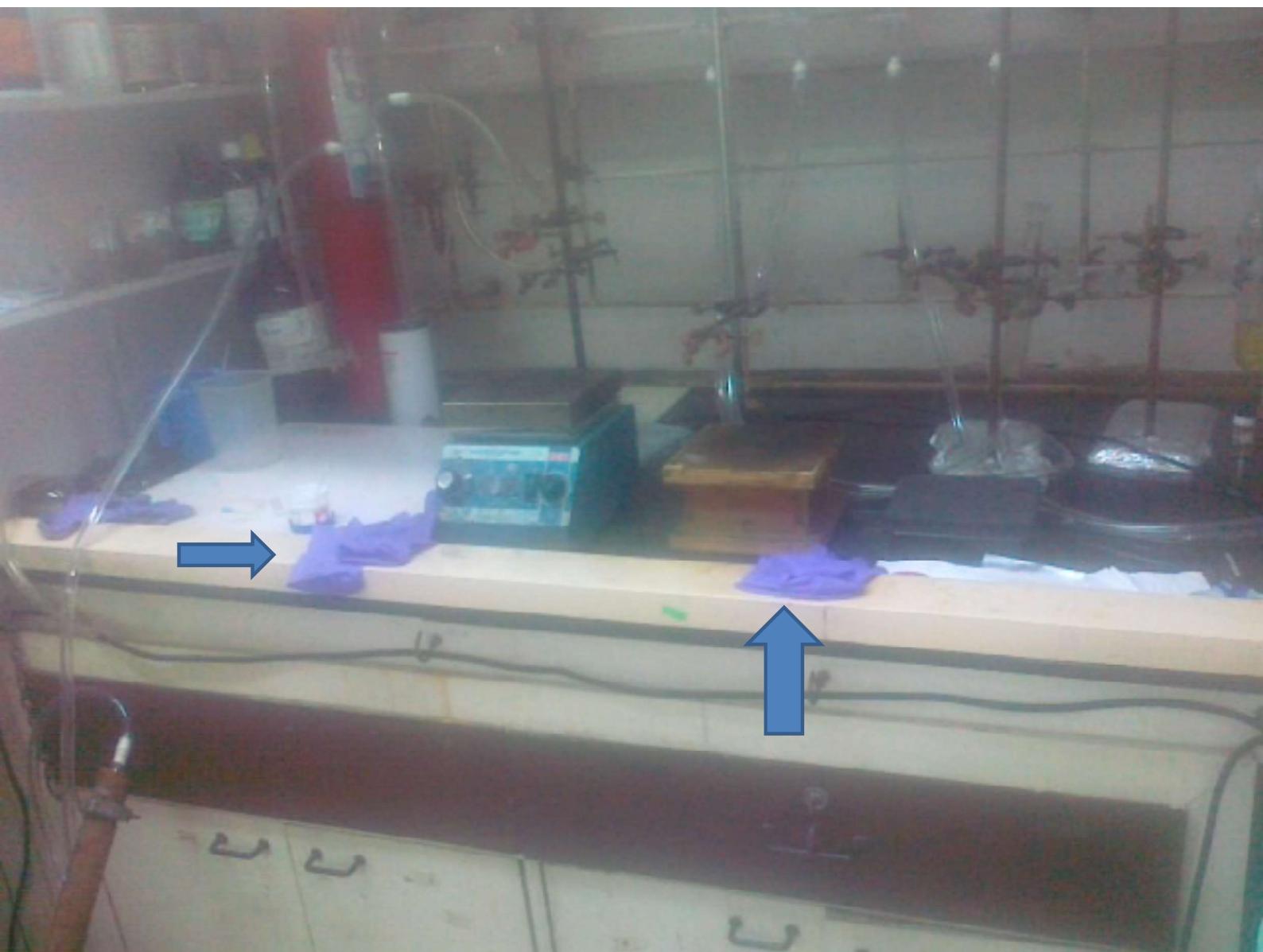
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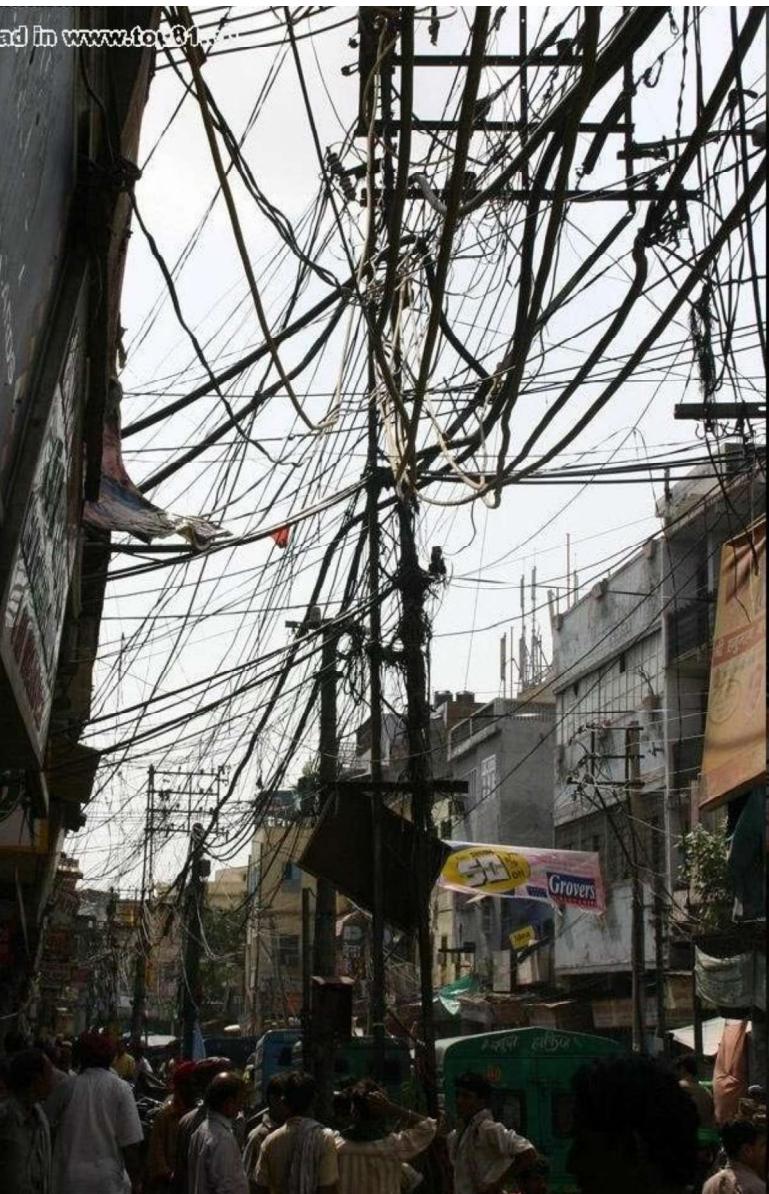
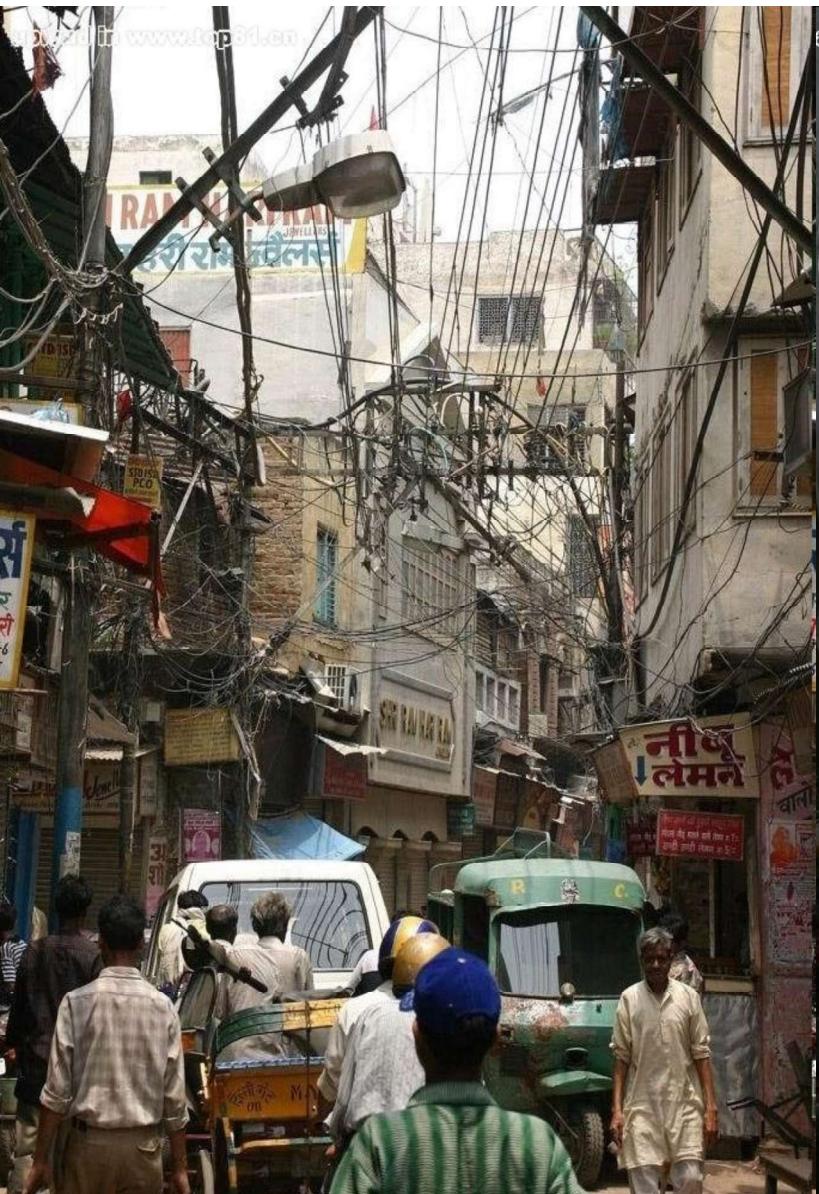








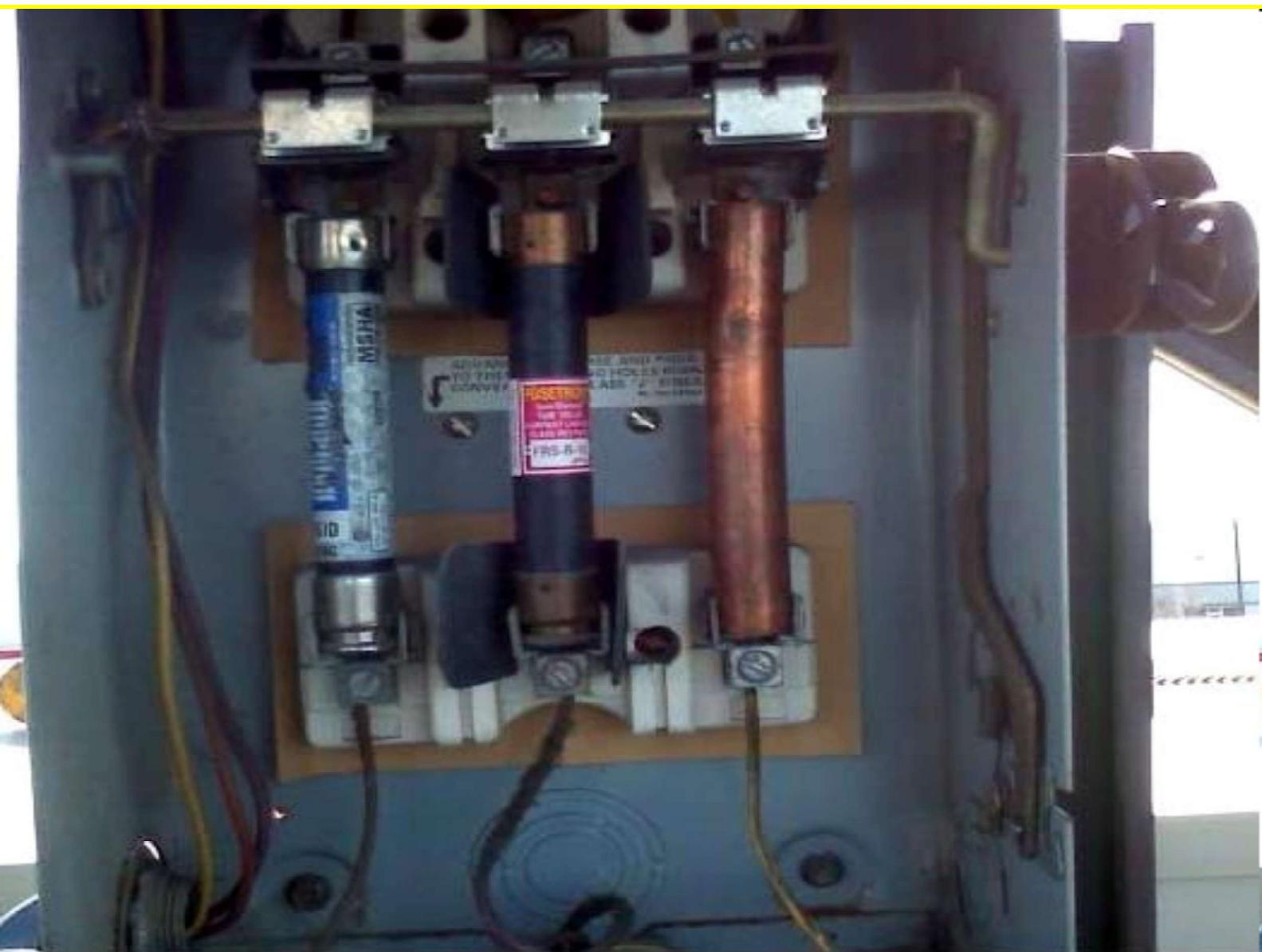


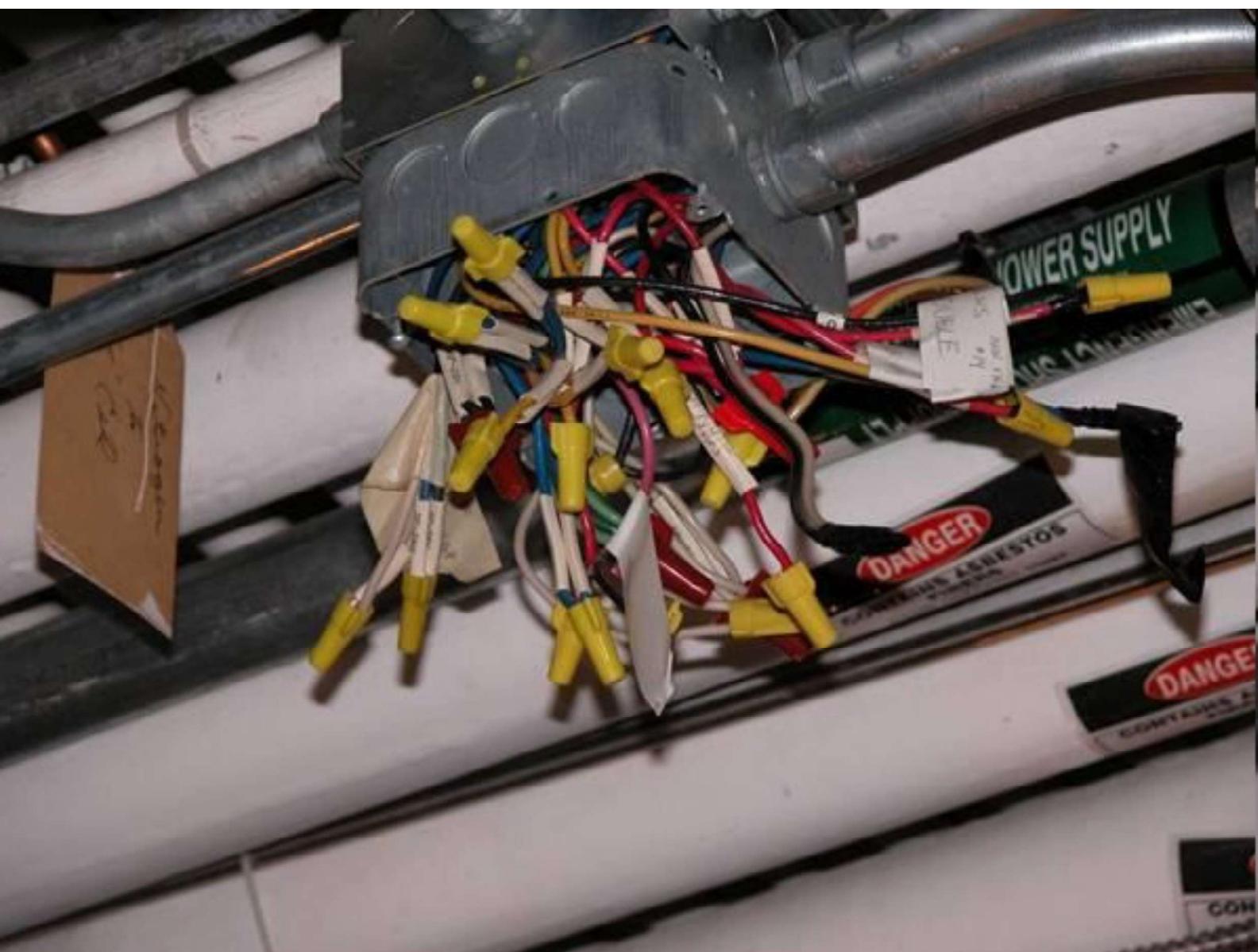


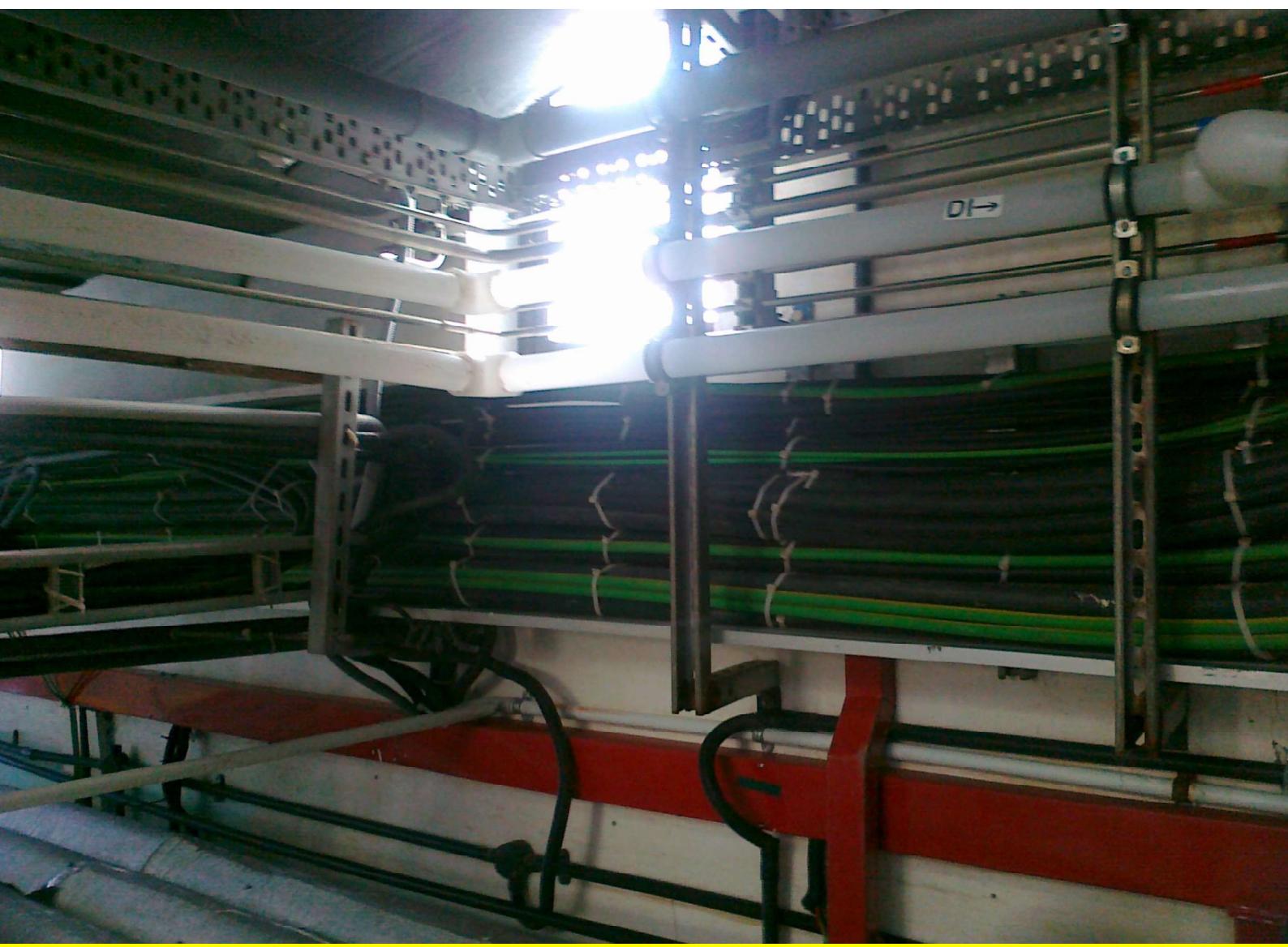
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Marcus Forrell







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## **To Prevent Electrical fire**

- Proper fuse can be used
- Machineries should not be over loaded
- Loose connections should be eliminated
- Proper earthing is very very important
- Inferior quality materials should not be used
- Too many tapings should not be in one point
- Only trained people should operate
- Defective and broken equipment should be replaced immediately or not to be used
- Wiring and insulation should checked properly
- Switch off from the mains any electrical equipment when not in use

- **Evacuation Instruction**
- Walk out the building/area in a calm and quite manner
- Do not run, it will cause panic
- Do not use elevators/lift
- Follow instruction from Police/security
- Do not argue or ask details
- Do not leave personal belongings
- Supervisors/concerned staff to switch off systems/equipment, electricity gases
- Open windows door cupboard
- Help ladies children and old people
- Do not obstruct passage of police/Fire/Bomb disposal squad
- Don't spread rumors
- Wait in assembly area till instruction

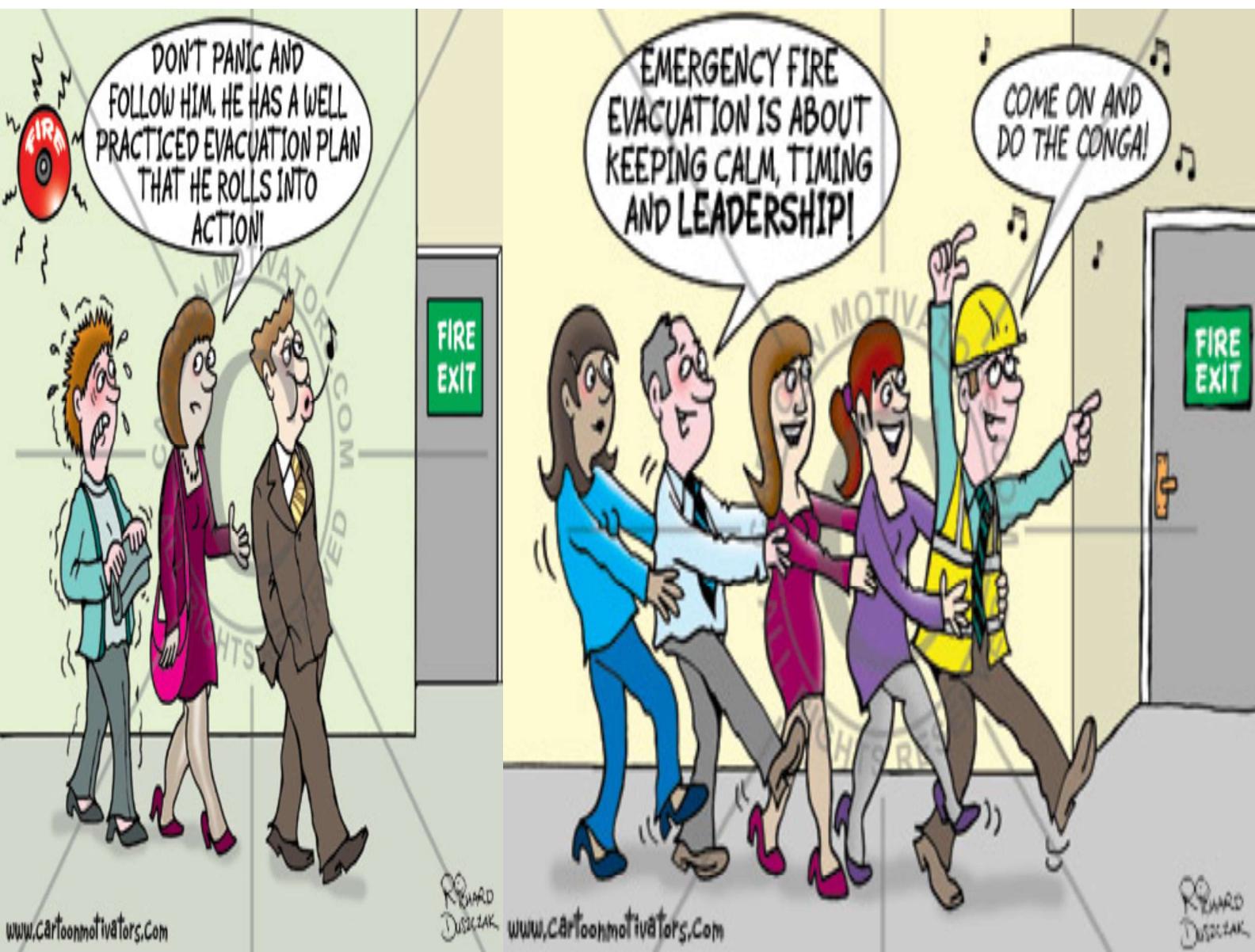






# **IN CASE OF FIRE**

**Awaken sleeping employees  
slowly to prevent nervous shock  
and leave as fast as you do  
at closing time.**



- **Mock FIRE Drill**

- Fire drills are necessary to ensure that all the staff know how to get out of a building to a safe area in case of a fire/emergency
- Mock drills gives you procedures to prepare for a fire/emergency and What to do ,when the fire alarm rings without actually ringing the fire alarm.
- Mock drill allows us to prepare for a fire/any Disaster without the disruption caused by a fire drill.

*On Your Return to Your Workplace Today*

## **Ensure that you know;**

- The escape routes
- Final exit doors and how to open them
- Location and types of fire fighting equipment
- Locations of call points
- Any specific fire procedures including the assembly points
- Who your fire wardens are
- Who to report to with any defects or bad practices















All laboratory power cords should be doubly insulated. Cords that are frayed or have exposed wiring should be replaced immediately.





**TOUCHING WIRES CAUSES  
INSTANT DEATH**



**\$200 FINE**



• Newcastle Tramway Authority •



• “KEEP EVERY  
BODY BUSY  
OTHER-WISE  
THEY WILL KEEEP  
YOU BUSY”

**“MATCHES HAVE HEADS  
BUT NO BRAIN**

**WHEN YOU USE THEIR HEADS  
USE YOUR BRAIN TOO”**

**FIRE IS A GOOD SERVENT  
BUT A BAD MASTER**

**EVERY HUMAN IS A FIRE FIGHTER  
OR  
A FIRE HAZARD**

**BEST WAY TO EXTINGUISH FIRE  
*IS NOT TO HAVE IT***

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**"I don't have time to read  
all these safety rules."**

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**"To emphasize the importance of safety,  
I've arranged for a special visit from our  
ex-worker Billy."**

**WARNING!**  
INCORRECTLY  
STORING  
FLAMMABLE  
ITEMS MAY  
CAUSE YOUR  
SUPERVISOR  
To EXPLODE.



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# Warning



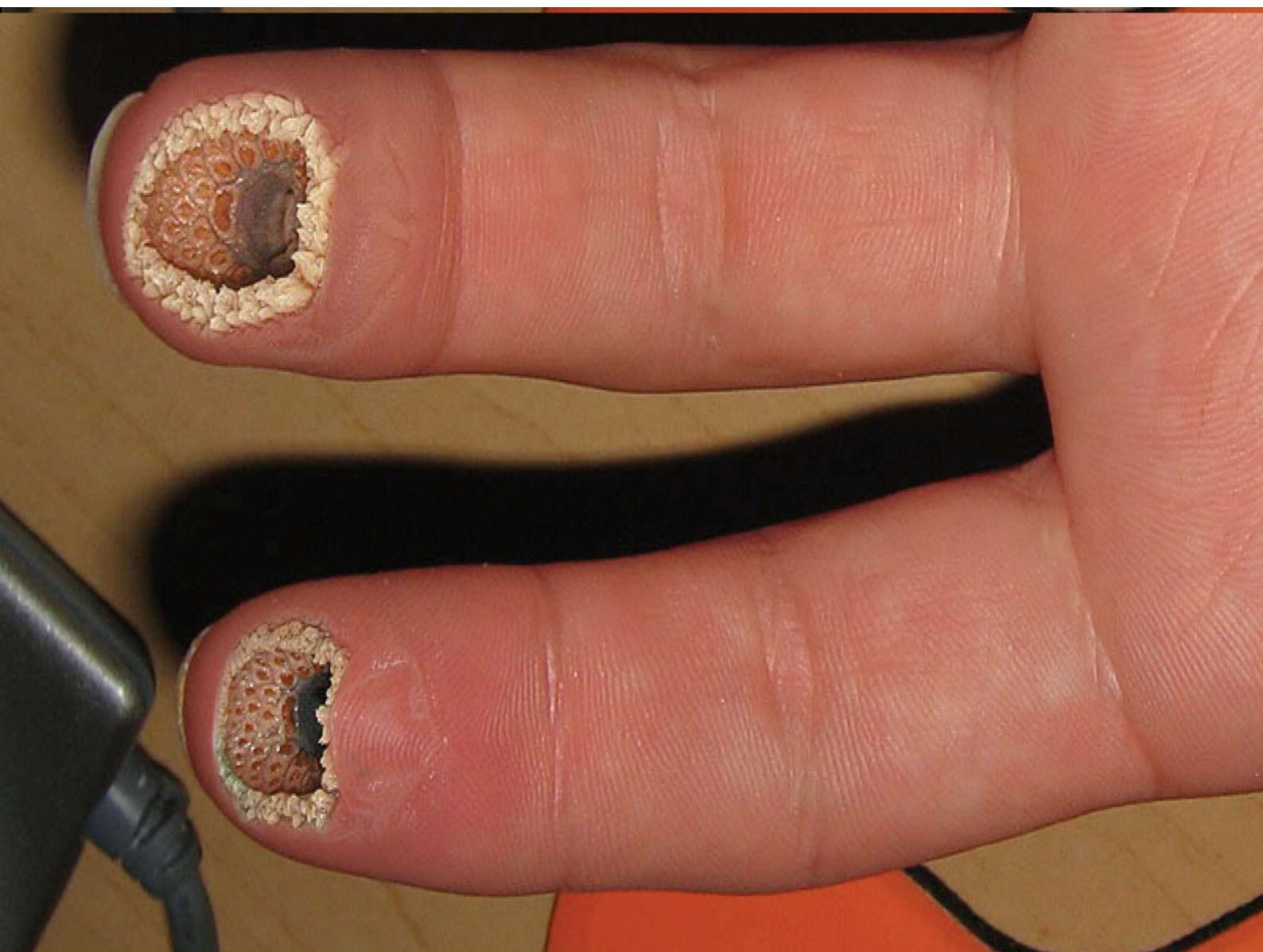
Please don't see next 3  
slides if you are faint hart





Blisters

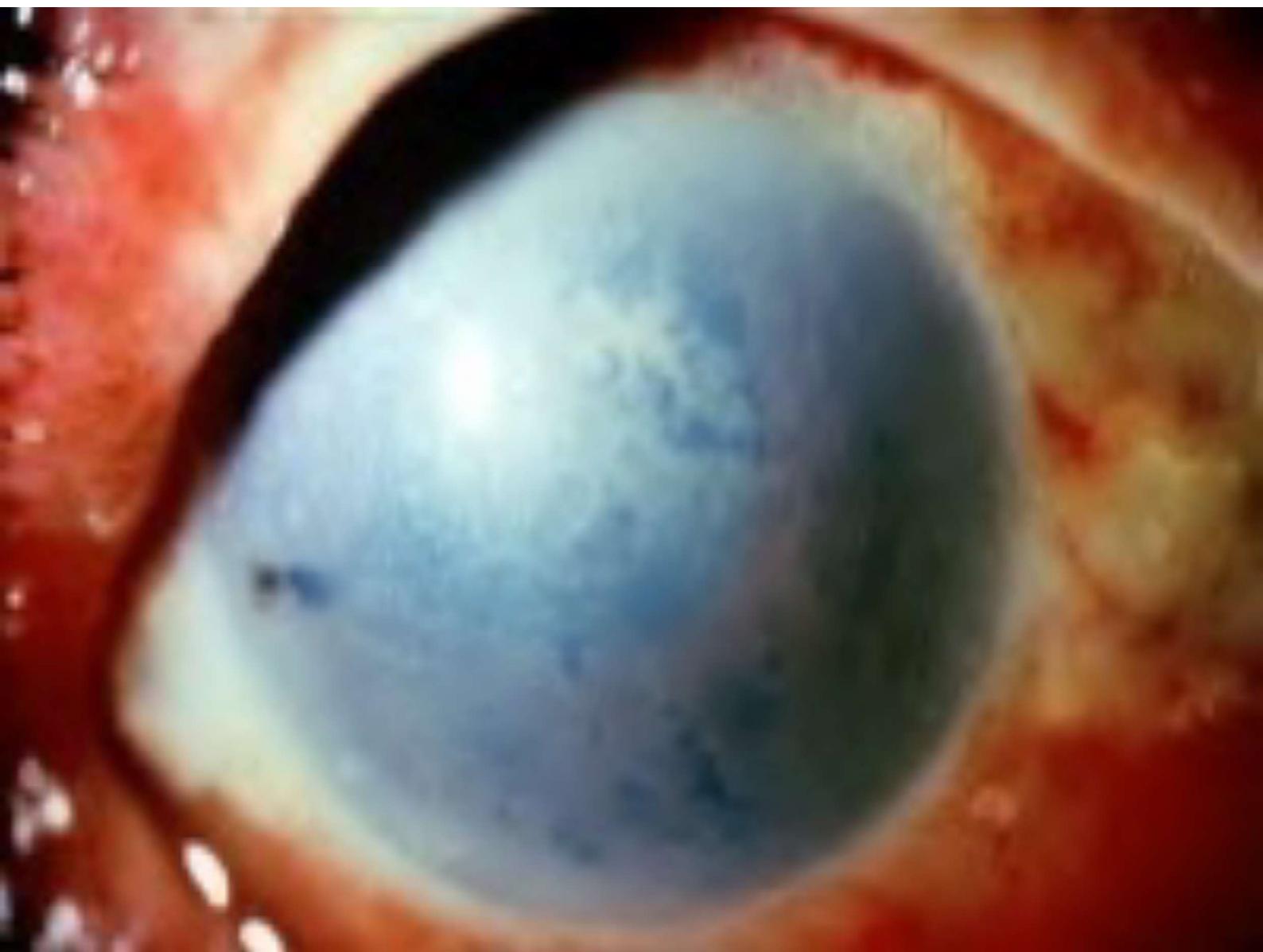


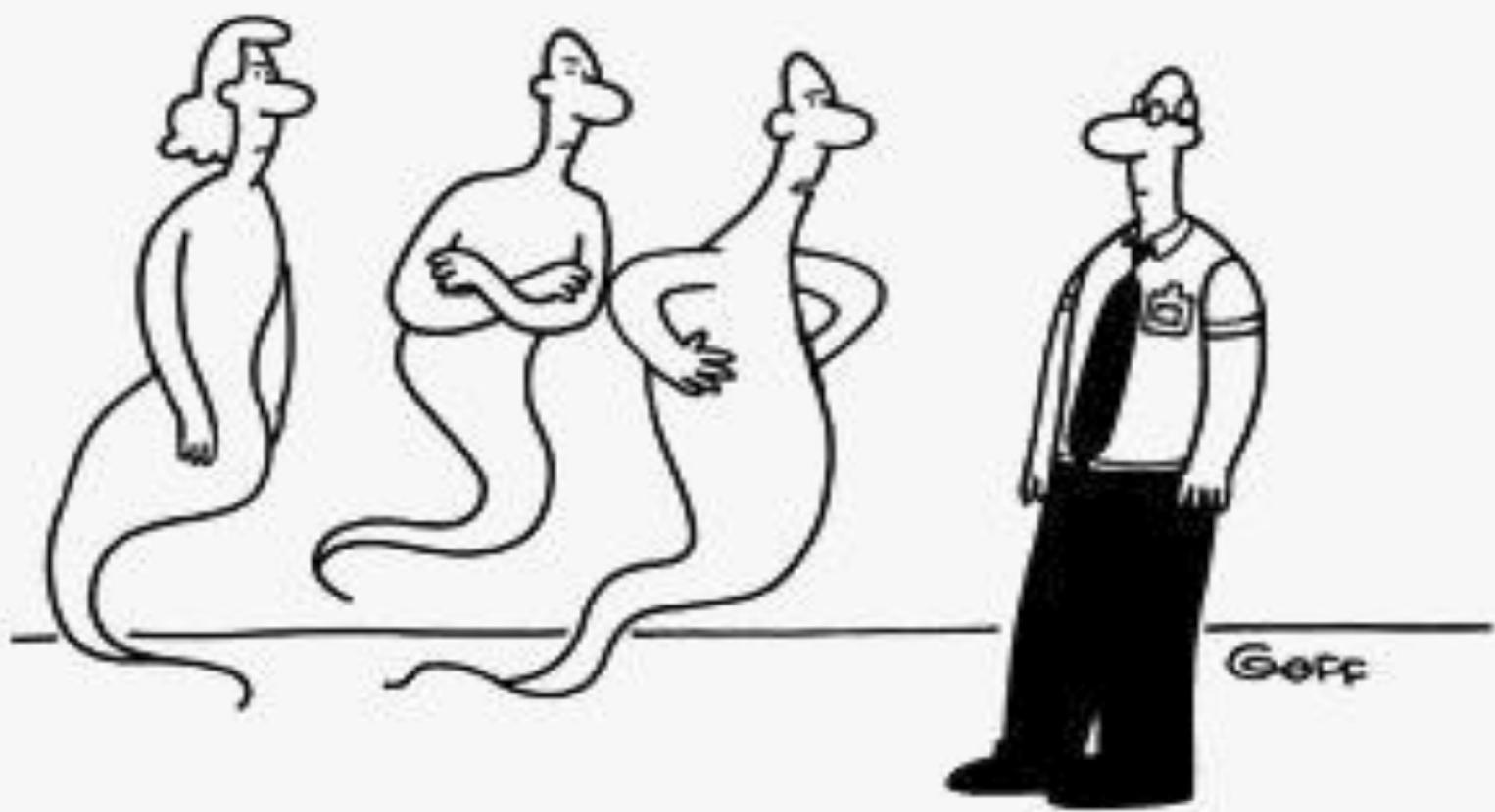






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**"You didn't explain the safety  
rules very well."**

**WHO IS NEXT TARGET  
ME OR YOU?**

**MAY BE ANYONE**

**FOLLOW SAFETY RULES  
&  
AVOID ACCIDENTS**

