



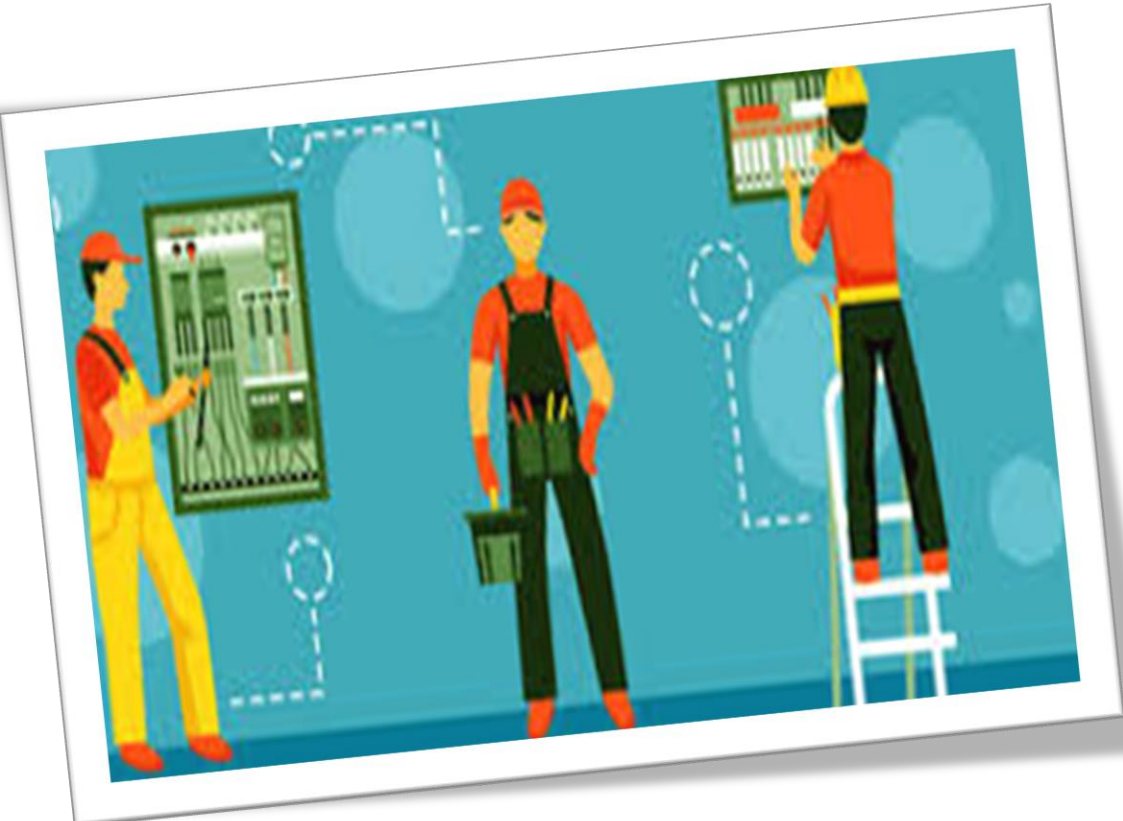
ANIL NAIK TECHNICAL TRAINING CENTRE

GEETA MULTIPURPOSE HALL

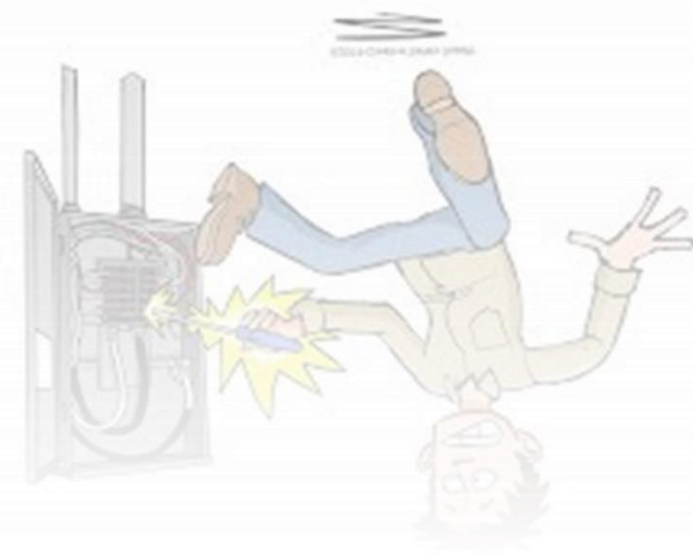
अनिल नायक टेक्नीकल ट्रेनिंग सेन्टर
ए फास्ट जेन्युअरन सोसायटी,
महिलानगर, गजराहेवा

ANIL NAIK TECHNICAL TRAINING CENTRE

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SAFETY (सबमति)



SAEFTY (સલમતિ)

ઇલેક્ટ્રિશિયન ટ્રેડનો અભ્યાસ શરૂ કરતાં પહેલા આ ટ્રેડની જાણકારી તથા ટ્રેનીંગ કર્યા બાદ ટકોની જાણકારી મેળવવી જરૂરી છે.

એલેક્ટ્રિસિટી સાથે કામ કરવામાં રહેલા જોખમો શક્ય અકસ્માતો તથા તે નિવારવા માટે લેવાતા પગલાં અને તેમ છતાં પણ જો અકસ્માત થાય તો તાત્કાલીક આપવી પડતી સારવાર વિશે જાણકારી મેળવવી જરૂરી છે.

Causes of accidents :- There are many reasons for an accident which are as follows

- Aversion to work (Dislike work)
- Hurry to work
- Helth is not wealth
- Ignorance
- Over confidance
- Overtime
- Condition of machine



FIRE EXTINGUISHER

- ❖ The **Water and Foam extinguisher** eliminates a **fire** by allowing **water** to take away the heat component of a **fire** while foam separates oxygen from the **fire**. A **water extinguisher** should only be **used** on Class **A fires** (Combustibles such as wood, paper, cloth, trash, and plastics)
- ❖ **Dry chemical** :- A **dry** free-flowing **chemical fire extinguishing composition** in the form of a finely divided mixture of particles and consisting essentially of about 79.35% monoammonium phosphate, about 5% of tricalcium phosphate, about 12% of barium sulfate, about 2.50% of ammonium tartrate, about 0.45% of silica and about 0.70% of ammonium
- ❖ **Co2 Type** :-CO2 fire extinguishers contain pure **carbon** dioxide which is a clean extinguisher, leaving no residue. Suitable for class B flammable liquid fires (petrol, oil, solvents), and recommended for use on live **electrical** equipment. Our extinguishers are BAFE approved, fully charged and supplied with a wall bracket.
- ❖ **Wet chemical** :- (potassium acetate, potassium carbonate, or potassium citrate) extinguishes the **fire** by forming an air-excluding soapy foam blanket over the burning oil through the **chemical** process of saponification

EHS,CRP, Hazard, Risk, 5'S

- (1) **EHS** stands for “environment, health, and safety,” and for many companies, a crucial part of their **processes** is **EHS** management, meaning the codification and practice of procedures aimed at ensuring the safety of workers and their surroundings.
- (2) **CPR** is an [emergency procedure](#) that combines chest compressions often with [artificial ventilation](#) in an effort to manually preserve intact brain function until further measures are taken to restore spontaneous blood circulation and breathing in a person who is in [cardiac arrest](#). CPR involves chest compressions for adults between 5 cm (2.0 in) and 6 cm (2.4 in) deep and at a rate of at least 100 to 120 per minute
- (3) **HAZARD** : A **hazard** is something that can cause harm, e.g. electricity, chemicals, working up a ladder, noise, a keyboard, a bully at work, stress, etc. A **risk** is the chance, high or low, that any **hazard** will actually cause somebody harm. For example, working alone away from your office can be a **hazard**.
- (4) **RISK** : **Risk** is the potential for uncontrolled loss of something of value. ... **Risk** can also be defined as the intentional interaction with uncertainty. Uncertainty is a potential, unpredictable, and uncontrollable outcome; **risk** is an aspect of action taken in spite of uncertainty.
- (4) **5's** : 5S, sometimes referred to as 5s or Five S, refers to five Japanese terms used to describe the steps of the 5S system of visual management. Each term starts with an S. In Japanese, the five S's are *Seiri*, *Seiton*, *Seiso*, *Seiketsu*, and *Shitsuke*. In English, the five S's are translated as Sort, Set in Order, Shine, Standardize, and Sustain.

FIRE SAFETY

Fire safety is the set of practices intended to reduce the destruction caused by fire. Fire safety measures include those that are intended to prevent ignition of an uncontrolled fire, and those that are used to limit the development and effects of a fire after it starts.

There are four classes of fires:

Class A: Ordinary solid combustibles such as paper, wood, cloth and some plastics.

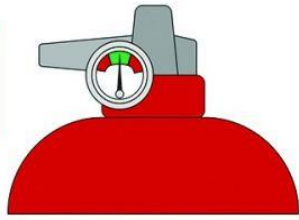
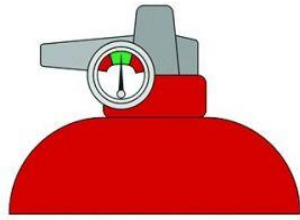
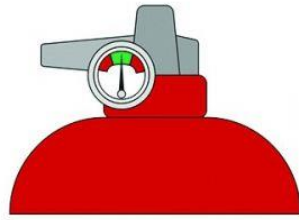
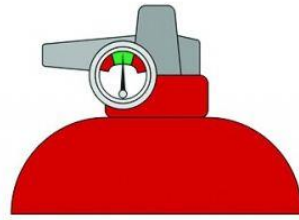
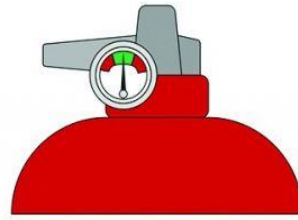



















Class B: Flammable liquids such as alcohol, ether, oil, gasoline and grease, which are best extinguished by smothering.

Class C: Electrical equipment, appliances and wiring in which the use of a nonconductive extinguishing agent prevents injury from electrical shock. Don't use water.

Class D: Certain flammable metallic substances such as sodium and potassium.

FIRE EXTINGUISHER

Using The Correct Fire Extinguisher

 Water	 Dry Powder	 Foam	 CO2	 Wet Chemical
For use on  Wood, Paper, Textiles etc	For use on  Wood, Paper, Textiles etc	For use on  Wood, Paper, Textiles etc	For use on  Flammable liquids	For use on  Cooking oil fires
Do not use on  Flammable liquid	 Flammable liquids  Gaseous fires	 Flammable liquids Do not use on  Gaseous fires	 Flammable liquids  Flammable metal fires  Live electrical equipment	 Wood, Paper, Textiles etc.
 Live electrical equipment	 Live electrical equipment	 Live electrical equipment	Do not use on  Wood, paper and textiles  Flammable metal fires Do not use in a confined space	Discharge entire contents on to fire from at least 1 metre distance

Fire Extinguisher Chart

Extinguisher	Type	Type of Fire			
		Solids (paper)	Flammable Liquids	Flammable Gas	Electrical Equipment
	WATER	✓ Yes	✗ No	✗ No	✗ No
	FOAM	✓ Yes	✓ Yes	✗ No	✗ No
	Dry Powder	✓ Yes	✓ Yes	✓ Yes	✓ Yes
	Carbon Dioxide (CO²)	✗ No	✓ Yes	✗ No	✓ Yes

An aerial view of a city at dusk or dawn, with a large orange circle graphic overlaid. The circle is partially filled with a white-to-orange gradient and has a stylized leaf-like shape at its top and bottom. The text 'Thank You' is centered within the circle.

Thank You

Capture your audience's attention, your presentation to life. Download this awesome diagram. Pitch your ideas convincingly.