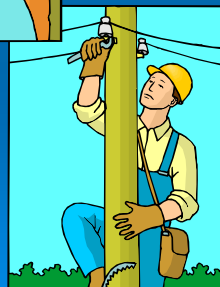


# SAFETY RULES

## in the electric and mechanical laboratory



### I.P.S.I.A LUIGI SETTEMBRINI



The vocational school  
L. Settembrini is divided  
in two departments:  
MECHANICAL  
ELECTRIC/ ELECTRONIC

The school offers the  
possibility to get a  
certificate after three  
years or a diploma after  
two more years

The aim of our vocational school is to teach the necessary competence to find a job easily.

We not only learn theoretical subjects, but we also have some practical lessons in the lab about safety rules

## General safety rules

There are some general safety rules we must respect when we enter a lab because the lab is a working place and it is subject to the law no 626 about prevention and safety on work



# Personal and general laboratory safety

- ◆ Never eat, drink, or smoke while working in the laboratory
- ◆ Read labels carefully
- ◆ Do not use any equipment unless you are trained and approved as a user by your supervisor
- ◆ Keep the work area clear of all materials except those needed for your work



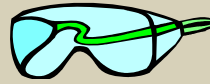
## Electrical safety

- Do not touch any electrical gear or conductor unless you have made sure that it is DEAD and EARTHED
- Do not use wires with poor insulation
- Do not touch any electrical circuit when your hands are wet
- Do not work on energized circuit without taking extra precaution such as the use of rubber gloves
- Do not throw water on live electrical equipment in cases of fire.
- Do not test circuit with bare fingers



## Mechanical safety

- Wear safety glasses or face shields when working with hazardous materials and equipment



- Clothing: When handling dangerous substances, wear gloves, laboratory coats, and safety shield or glasses.



- If you have long hair or loose clothes, make sure it is tied back or confined.

## Some important signs

These are some of the important signs we learn when we are in the lab



## Safety rules learning

- ✿ Safety is taught both during theoretical and practical classes especially in the first two years
- ✿ The students of the 4th and 5th year have to follow some training courses run by experts of companies who teach them safety rules in working places
- ✿ A final test is given to the students to check what they have learnt and understood about safety

This is the way  
of teaching safety in our school

Thank you for your attention



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