

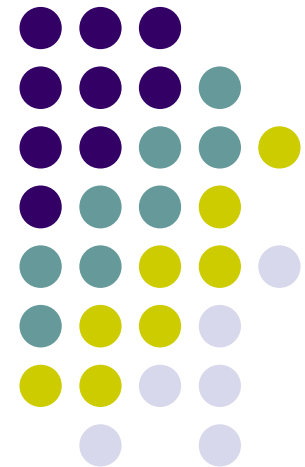
Increase safety in the workplace

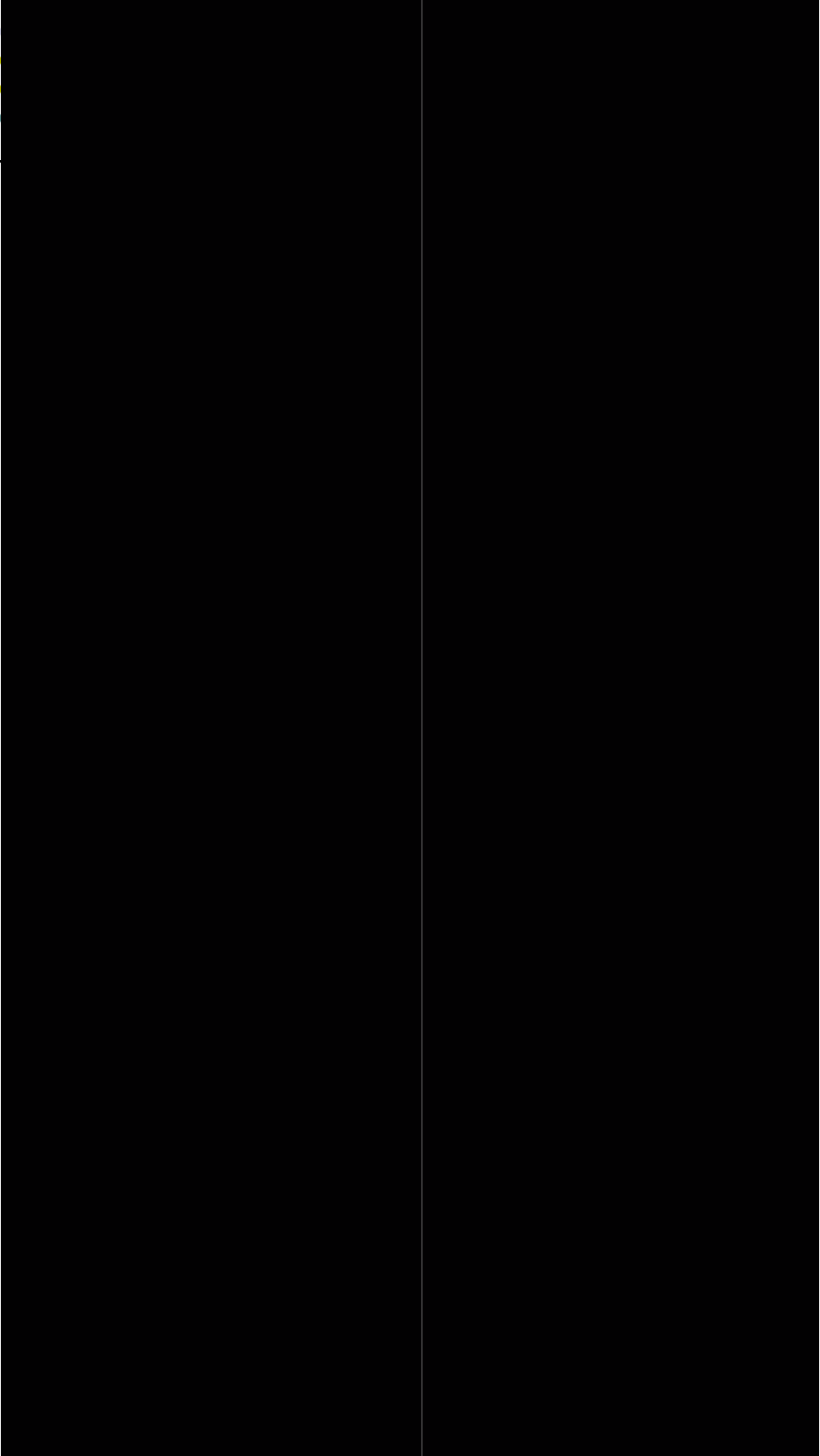
Serious accidents can easily happen in the workshop or on construction sites, so keeping yourself and others safe at work is vital.

Your supervisor has asked you to prepare a campaign in English about safety on the job for foreign interns.

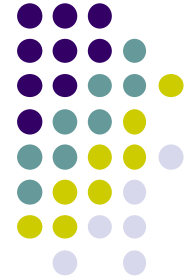
They don't really understand why the issue is so important.

Make sure they will in the future and use whatever is necessary to convince them.





To reach your objective you need to make sure that interns are able to :



To reach your objective you need to make sure that interns are able to :



- know about safety equipment and signs
- recognize hazards
- understand directions
- warn and describe

WHAT TO EXPECT IN THE WORKPLACE



Match the words

- A plant
- A factory
- A car factory
- The manufacturing department
- The production floor
- The machining workshop
- The work station
- A machine-tool
- Le poste de travail
- La fabrication (service)
- Une usine de transformation
- Une usine de production (US)
- Une usine automobile
- Les ateliers de production
- Une machine-outil
- L' atelier d' usinage

SAFETY EQUIPMENT



**SAFETY
FIRST**
SAFETY GLASSES, SAFETY
SHOES AND HARD HATS
REQUIRED BEYOND THIS
POINT



Safety equipment



Protective clothing

- Always wear appropriate work clothing. Whether this is a one piece overall, or a separate shirt and pants, the clothes you work in should be comfortable enough to allow you to move. The material must be flame retardant and strong enough that it is not easily torn. Pants should be cuff-less so that hot debris doesn't become trapped.

Footwear

- Always wear safety shoes that comply with the relevant standards for your area. The soles must be acid and slip resistant, the uppers made from a puncture proof material such as leather and the toes protected by a steel cap.

Leather gloves

- These will protect your hands from burns when welding and heating or handling hot components. You should also use them when removing steel from a storage rack and when handling sharp objects.

Safety glasses

- The most common eye protection is a pair of safety glasses. It is good practice to wear these whenever you are in a workshop. They are designed to protect your eyes from direct impact or debris damage.

Ear protection

- Ear Protection should be worn once sound levels exceed 85 dB, when working around operating machinery for any period of time or when the equipment you or others nearby are using produces loud noise.

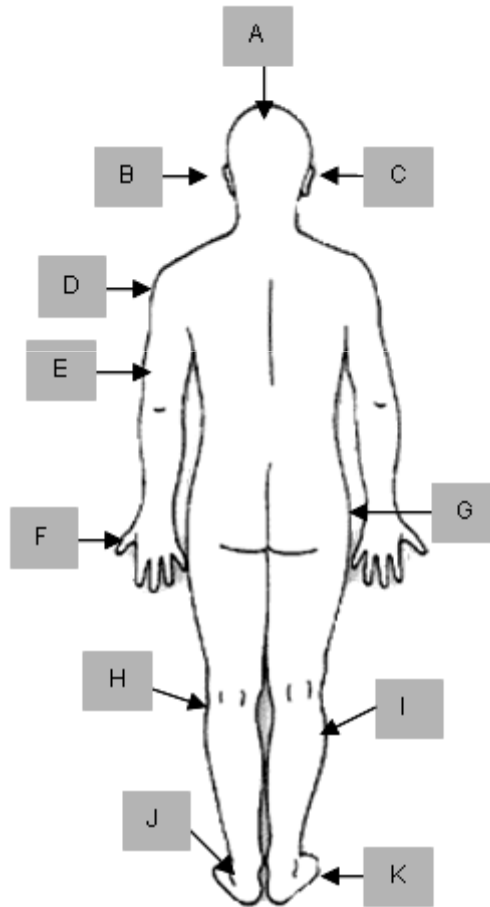
Parts of a body affected by injuries

Here are some groups of causes that injuries can result from. Which part of body would you relate them to ?
(head, eyes/face, arms, torso, hands, legs, feet)



- Falling objects, sharp objects, wet floor ●
- Falling objects striking the head, flying parts from a machine ●
- Metal objects (flying parts) from cutting, grinding, breaking, welding, liquid splashing, spilling ●
- Noise (woodworking, heavy industry, iron/steel industry) ●
- Burns, cuts, electrical shocks, absorption of chemicals ●
- Dirt, cuts, stabs, chemical splashes ●

Make a short presentation
Describe the causes of injuries to each part of the
body.



SAFETY SIGNS



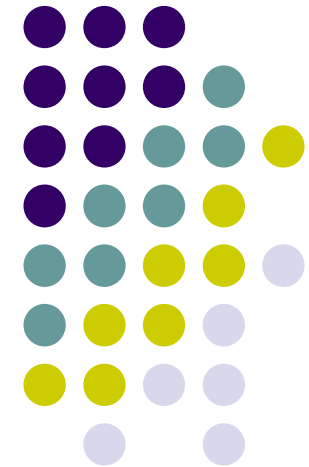
A workshop is a hazardous environment. To make people more aware of specific workshop hazards, legislative bodies, such as the International Safety Organization (ISO), have developed a series of safety signs. These signs are designed to give **adequate warning of an unsafe situation.**

The **shape** and **color** of each sign give you **general information.**

The **picture, symbol** or **writing** in the sign gives more **specific information.**



A green rectangle gives you information about safe conditions.

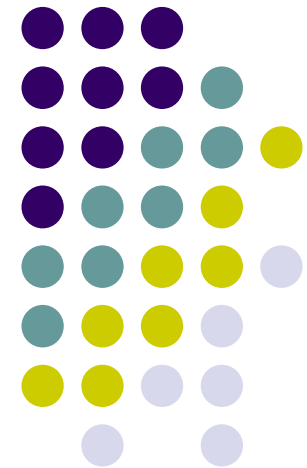




shutterstock - 71038492

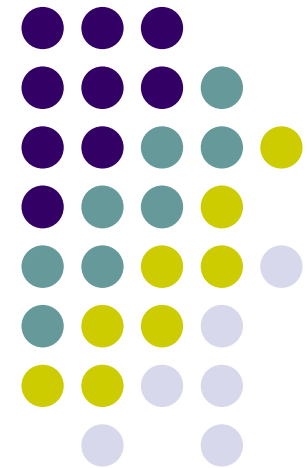


A **yellow triangle** warns you of something **dangerous.**





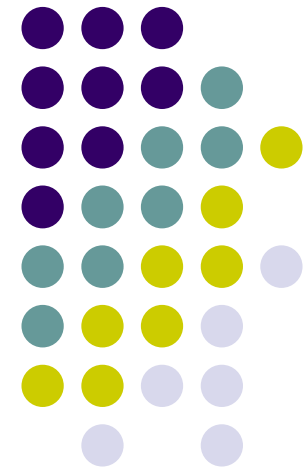
A **blue circle** tells you that you **must** do something.



A red circle with a line through tells you that **you must not** do something.



A **red rectangle** points out where the **fire-fighting equipment** is kept.



Three key signal words to remember



CAUTION

This indicates a potentially hazardous situation, which, if not avoided, may result in **minor or moderate injury**. It may also be used to alert against unsafe practices. This is usually in black text with a yellow background.



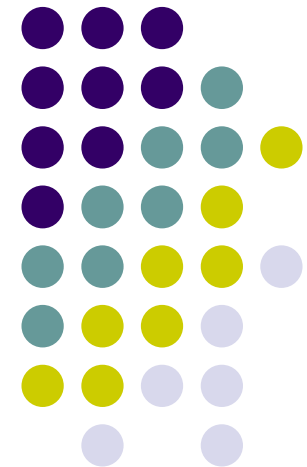
WARNING

This indicates a **potentially** hazardous situation, which, if not avoided, could result in **death or serious injury**. The sign is usually in black text with an orange background.

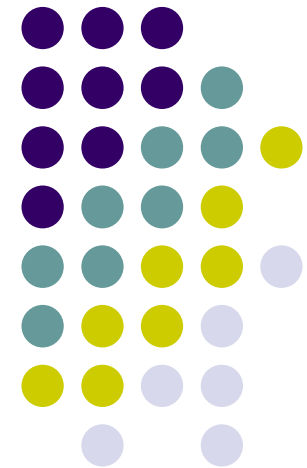


DANGER

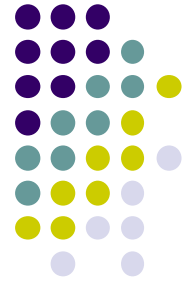
This indicates an **immediately** hazardous situation, which, if not avoided, will result in **death or serious injury**. "Danger" is usually indicated by white text with a red background.



What do you think of this sign ?



**What do you remember ?
Give examples of each category ?**



RECOGNIZING HAZARDS

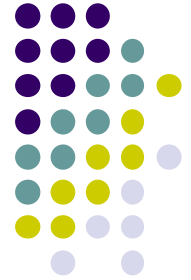


Match the hazard with the possible result.



- A live wire
 - A loose piece of flooring
 - A sharp blade
 - Steam
 - A careless truck driver
 - A greasy floor
 - A very loud noise
- **You might be hit**
 - **You might slip over**
 - **You might damage your hearing**
 - **You might burn yourself**
 - **You might electrocute yourself**
 - **You might cut yourself**
 - **You might trip over**

What might happen if you don't follow safety procedures ?



Match the sentences.

- Never store cylinders by naked flames.
- Always wear gloves when welding.
- You must wipe spillages immediately.
- Never leave bits of wood lying around the floor.

- Someone might slip over.**
- They may explode.**
- Someone might trip over them.**
- You might burn your hands.**

Can you think of others ?



UNDERSTANDING DIRECTIONS

Match the two parts of the sentences.



Always wear ear protection ...

Don't leave ...

Keep ...

Never place ...

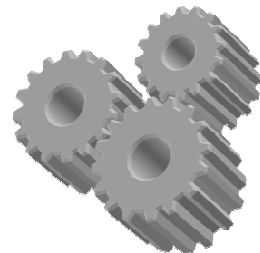
Make sure you ...

Check that ...

Do not operate ...

Label ...

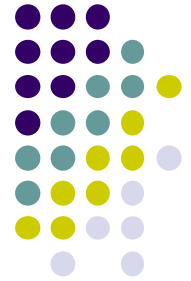
- ... check electrical installations regularly.
- ... emergency exits clear.
- ... a machine without checking the safety procedures first.
- ... when using a pneumatic drill.
- ... bottles of chemicals carefully.
- ... a ladder near an electricity line.
- ... tools lying on the floor.
- ... the safety guard is in place.



WARNING AND DESCRIBING

Complete the sentences with the following words.

(when - you - mind - oil - out - tools - don't - careful - hot - sharp - floor - low)



- Mind don't trip. There are lots of lying around.
- Be ! Don't touch the blades. They are very
- Watch ! Someone's left some boxes on the
- your heads ! The doorway is very
- Be careful you walk across the factory. There are often patches of on the floor.
- Mind you burn yourself. The metal is very

CREDITS

- www.hsa.ie
- www.iapa.ca
- www.safetysupplywarehouse.com
- www.tanda.ie
- www.safetysignsupplies.co.uk
- www.signbuyer.co.uk
- www.store.modernsignsdigital.co.uk
- www.safetyfirstaid.co.uk
- www.sitecraft.net.au
- www.123rf.com
- www.dreamstime.com
- www.ohsinsider.com
- www.clker.com

