



PASBORT

Enw

YSGOL CALON CYMRU
DESIGN & TECHNOLOGY
HEALTH & SAFETY PASSPORT



Health & Safety Passport of Ysgol Calon Cymru

Surname: **Passport Number:**

Passport Number:

789ABCDEFG2015/16

Name:

School:

Date of Issue:

Holders Signature:

CHECKLIST

I confirm that I have been shown how to use the following machines. I have completed a risk assessment on each piece of equipment and have passed a health & safety check.

Strip Heater

Pillar Drill

Laser Cutter

Belt sander

Hand tools

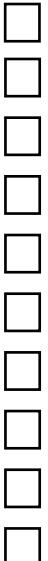
Adhesives

Hegner saw

Soldering Iron

Student Signature

Teacher Signature



What is the _____ used for?

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.....
.....

List the possible hazards

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.....

Rate the danger of using this machine A B C
D

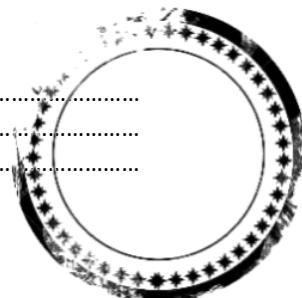
List the possible injuries

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.....

How frequently are these likely to happen? 1 2
3 4

List the safety measures

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.....



Your passport is designed to give you a clear understanding of the safety procedures you must follow when working in a D&T workshop.

It is a requirement that every person completes the correct part of their passport before doing any practical work.

We want you to enjoy designing and making high quality products, but without due care and attention, accidents can happen!



Long Hair

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Goggles

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Ties

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Bags

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Lab Coat

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Cuffs

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Sturdy Shoes

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What is the _____ used for?

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List the possible hazards

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.....

Rate the danger of using this machine A B C
D

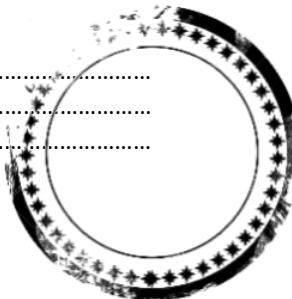
List the possible injuries

.....
.....
.....

How frequently are these likely to happen? 1 2
3 4

List the safety measures

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RISK ASSESSMENTS

Manufacturers are required to identify and assess all potential risks in the manufacturing environment. This is called **risk assessment**.

5 STEPS TO RISK ASSESSMENT



1 Identify potential hazards



2 Determine who might be harmed and how



3 Evaluate the risks and decide on precautions



4 Record your findings and take action



5 Continually review and update your risk assessment



WORKSHOP RULES

Start by waiting outside your D&T room until your teacher arrives.

It is important that there is no running, pushing, or shoving in workshops because

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.....
.....

We should not throw any objects in a workshop because

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.....

Only use machinery and equipment once told to do so by a teacher because

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.....

Behaving in a sensible way and considering others working near us is important because

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.....
.....

EMERGENCY STOP BUTTONS

There are a number of these buttons in the workshop.

Identify the location of each button and answer the following:

What colour are they?

.....
.....

How many are there?

.....
.....

What happens when a button is pressed?

.....
.....
.....

If you get into difficulties on a machine, or see someone else having problems, you have the permission to push the emergency stop button.



STRIP HEATER

What is the strip heater used for?

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.....



List the possible hazards

.....
.....

Rate the danger of using this machine A B C
D

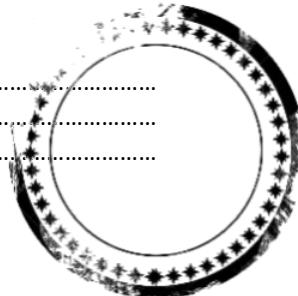
List the possible injuries

.....
.....

How frequently are these likely to happen? 1 2
3 4

List the safety measures

.....
.....



LASER CUTTER

What is the Laser Cutter used for?

.....
.....



List the possible hazards

.....
.....

Rate the danger of using this machine A B C
D

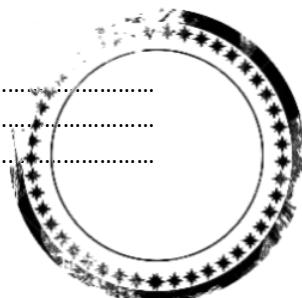
List the possible injuries

.....
.....

How frequently are these likely to happen? 1 2
3 4

List the safety measures

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Many of the activities in D&T involve the use of tools. Some of these tools are very sharp. However, if used in the correct and safe manner they are not dangerous.

How should you carry a sharp tool from place to place in the workshop?

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We should never leave tools on the edge of a bench because

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Tools should be put back in the cupboard once you have finished with them in the correct place. We have a duty to leave practical rooms clean and tidy.

If a tool is damaged, we should

.....
.....

USING MACHINES

Remember: You should only use machines if you have been shown by your teacher!

Only one person should use a machine at a time and that person is to turn his/her machine on and off.

We should not crowd around machines, because

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.....
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Areas around the machine should be left free of clutter because

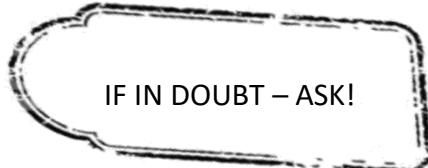
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Only turn the machine **on** once you have checked everything is safe!



Always turn the machine **off** after use!



BELT SANDER

What is the Belt Sander used for?

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List the possible hazards

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Rate the danger of using this machine A B C
 D

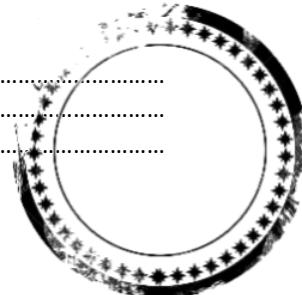
List the possible injuries

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.....
.....

How frequently are these likely to happen? 1 2
 3 4

List the safety measures

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PILLAR DRILL

What is the Pillar Drill used for?

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List the possible hazards

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.....

Rate the danger of using this machine A B C
 D

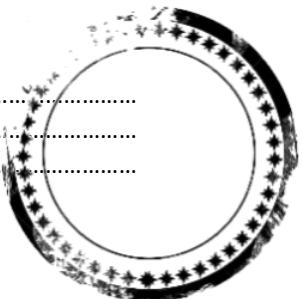
List the possible injuries

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.....
.....

How frequently are these likely to happen? 1 2
 3 4

List the safety measures

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HEGNER SAW

What is the Hegner Saw used for?

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List the possible hazards

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Rate the danger of using this machine A B C

D

List the possible injuries

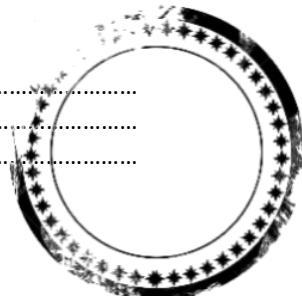
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How frequently are these likely to happen? 1 2

3 4

List the safety measures

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SOLDERING IRON

What is a soldering iron used for?

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List the possible hazards

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Rate the danger of using this machine A B C

D

List the possible injuries

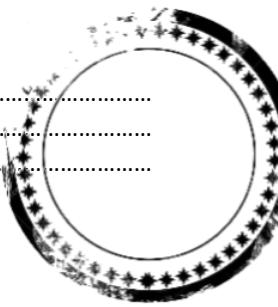
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.....
.....

How frequently are these likely to happen? 1 2

3 4

List the safety measures

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ADHESIVES

What are adhesives used for?

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.....
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List the possible hazards

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.....

Rate the danger of using this machine A B
D



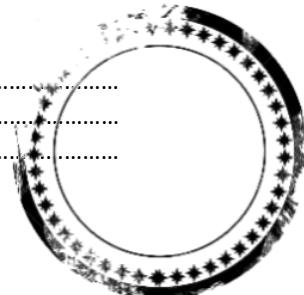
List the possible injuries

.....
.....
.....

How frequently are these likely to happen? 1 2
3 4

List the safety measures

.....
.....
.....



HAND TOOLS

What are hand tools used for?

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.....
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List the possible hazards

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.....



Rate the danger of using this machine A B
D

List the possible injuries

.....
.....
.....

C

How frequently are these likely to happen? 1 2
3 4

List the safety measures

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