**Industrial Arts Safety Test**

You must get at least 75% on this test to be allowed to work in the shop. Test is out of 65 so you need 49 correct.

Section A – Fill in the blank with the word you feel best suits the sentence from the bank of words below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| yourself | experienced | others | attitude | permission | help |

1. It is important to study safety so that you do not injure ­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Always have a good \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ towards safety.
3. Most accidents in the shop happen to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ woodworkers.
4. Never be afraid to ask for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Never use a machine on your own until you have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to do so.

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| --- | --- | --- | --- | --- | --- |
| Equipment | removed | others | organized | pocket | confidence |

1. Failure to follow safety rules may result in damage to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Students who do not follow the rules may be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from working in the IA lab.
3. Keep your tools and materials carefully \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Do not put tools in your \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. As you work with the tools you will gain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| --- | --- | --- | --- | --- | --- |
| Thoughtful | Flammable | Helpful | Turned off | litter | Safety glasses |

1. Be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to others.
2. Before plugging in tools make sure they are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Always wear \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when working with tools.
4. Many finishers and thinners are highly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Keep the floor clear of scrap wood and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Tied back | Awkward | remove | Injuries | teacher |

1. Long hair should be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the shop.
2. Report all \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the teacher.
3. Get help with heavy and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ things when you are carrying them.
4. Never \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a safety guard.
5. Do not use tools in the shop unless the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is there.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Rush | Tool | Blades | ill | defects | tired |

1. Use the correct \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for the job.
2. Keep a safe distance away from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Check for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in wood before cutting.
4. Do not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ your work.
5. Never work in the shop if you are overly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Not working | Teeth | distracted | Corners | bit |

1. Do not be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ while you are working.
2. If your machine appears to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, stop and get the teacher.
3. Feed the band saw only as fast as the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can cut.
4. Avoid cutting tight \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with the bandsaw.
5. Use the correct \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when drilling.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Withdraw/remove | With the | Sealed | hole | up |

1. When drilling deep holes be sure to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the bit frequently.
2. Store all chemicals and soiled rags in a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ container.
3. Make a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before making an internal cut with a jigsaw.
4. The teeth on a jigsaw should point \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. On a jointer always feed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ grain.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Securely | Sharp | Dry | Against | thickness |

1. Make sure jointer blades are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Make sure glue is completely ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before turning it on the lathe.
3. Fasten stock \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before turning on the lathe.
4. Never plane \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the grain.
5. Do not feed wood of different \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ through the planer at the same time.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Side | speed | Small | firmly | one |

1. When cutting with a circular saw stand to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Hold a drill \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ while using it.
3. Never sand pieces of wood that are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Make sure a mitre saw reaches full \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before cutting.
5. Cut only \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ piece of wood at a time on a mitre saw.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| operator | point | Free hand | ask | pull |

1. Never cut \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on a table saw.
2. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ controls the speed of a cut on a table saw.
3. Never \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ an air nailer at something you don’t want to nail.
4. Never \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the compressor by the hose.
5. When in doubt, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Section B – Tool Identification

Label each tool:

|  |  |
| --- | --- |
| http://www.woodshopnews.com/images/stories/monthly/12_10/new_products/23_products_02.jpgjig saw band saw drill press | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.general.ca/images/machines/1_general/75_drill/75-030.png | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.tooltraderdirect.co.uk/image/cache/data/products/dewalt/DCS331N-600x600.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.woodcraft.com/Images/products/600/849439.jpglathe planer jointer circular saw | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.tegstools.com/assets/images/gi/25-114qc.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.general.ca/images/machines/1_general/30_planer/30-360.png | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.northerntool.com/images/product/2000x2000/399/399668_2000x2000.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.blackanddecker.com/ProductImages/PC_Graphics/PHOTOS/DEWALT/TOOLS/LARGE/9/DCD980L2_1.jpgrouter drill sander scroll saw | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://hi.atgimg.com/img/p400/6939/000346353549.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://ecx.images-amazon.com/images/I/615yDwtcwiL._SL1500_.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.machinemart.co.uk/images/library/product/huge/06/060112400.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.toolstop.co.uk/components/com_virtuemart/shop_image/product/e18508b66e49cc3c1876566634955d8a.jpgmitre saw table saw grinder air nailer | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://files.solidworks.com/InternalMarketing/PressRoom/Consumer/sawstop.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://ecx.images-amazon.com/images/I/812NFM6D5lL.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://g-ecx.images-amazon.com/images/G/01/th/aplus/dewalt/dewalt-D55141FNBN-4.jpg | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |