



Name:

Student Number:

IGEN Shop Safety Test (ISST)

1. When is hearing protection required in the IGEN Shop? (Select all that apply)
 - a. When any uncomfortably loud power tool is being used
 - b. When the ambient noise level is greater than 85db (lawn mower level)
 - c. When you are using a power tool that is uncomfortably loud
 - d. When another student is using a power tool that is uncomfortably loud
2. When is eye protection required in the IGEN Shop? (Select all that apply)
 - a. When using a tool that may throw debris
 - b. When in close proximity to someone using a tool that may throw debris
 - c. At all times
3. When are tight fitting cut-resistant gloves (which are **not** fire resistant) recommended in the IGEN Shop? (Select all that apply)
 - a. When welding
 - b. When handling sheet metal (sharp edges)
 - c. When using the Bench Grinder (hands get close to spinning tool)
 - d. When using the Angle Grinder (hands do not get close to spinning tool)
4. When are full face shields recommended in the IGEN Shop? (Select all that apply)
 - a. When using the Drill Press
 - b. When using the Angle Grinder for an extended period of time
 - c. When using the Dremel with accessories which may shatter
 - d. When using the Bandsaw
5. Where should filing and sanding of metal take place (when possible)?
 - a. Over the Metalworking Table
 - b. In the Assembly Area
6. Where should welding take place (when possible)? (Select all that apply)
 - a. Over the Metalworking Table
 - b. Behind the Welding Curtain
 - c. In the center of the shop
 - d. In the Assembly Area



7. If you are at risk of being affected by bright light from the welder, what should you do? (Select all appropriate answers)
- a. Vacate the shop
 - b. Ask the welder to wait until you are finished in the shop to perform welding
 - c. If you are not using power tools, wear an Auto-Darkening Welding Mask
 - d. If you are using power tools, wear an Auto-Darkening Welding Mask
 - e. Continue your task but turn your back to the welder so you are less affected
8. If you notice smoke or unpleasant odours building up in the IGEN Shop, what should you do? (Select all that apply)
- a. If you are the source, continue your task
 - b. If you are not the source, ask whoever is causing it to take a break and let the ventilation system clear the air before resuming
 - c. If you are the source, take a break and let the ventilation system clear the air before resuming
9. Select the option(s) which are safe to have in the IGEN shop. (Select all that apply)
- a. Leather sneakers with laces
 - b. Long hair not tied back with a supplied hair elastic
 - c. Hoodies with dangling drawstrings
 - d. Rubber boots
 - e. Long, loose sleeves
10. What is the **very first thing** that you should do when entering the IGEN shop?
- a. Check for the presence of a shop supervisor
 - b. Put on safety glasses
 - c. Tie any dangling hoodie strings in a bow
 - d. Cuff your long sleeves
11. What should you do when leaving the IGEN shop? (Select all that apply)
- a. Turn off the exhaust fan
 - b. Turn off the lights
 - c. Leave your safety glasses next to the tool you were using so they are easily accessible for the next person
 - d. Clean up dust/chips around the tool you were using



12. Select the tools which require hearing protection when used:
- a. Miter saws and ferrous cold saw (various cutting which spins at high speeds and is very loud)
 - b. Drill press
 - c. Angle grinder (metal cutting which spins at high speeds and is very loud)
 - d. Router table (wood cutting which spins at high speeds and is very loud)
13. What should you do with your safety glasses when leaving the shop?
- a. Immediately put them back where you found them
 - b. Wash and dry the glasses and then put them back
 - c. Throw the glasses in the garbage
 - d. Leave the glasses by the machine you were using for the next person