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| Resultado de imagen para listal talca |  **Welding safety.**  **(construcciones metálicas)**  |
| Name |  |
| Grade: cuarto Medio 2020 | Date March 2020 |
| Total score | Student’s score |
| Objective: Comprender y aplicar utilizando sus conocimiento previo en relación a la seguridad en un proceso de soldadura  |
| Teacher . Miss Patricia Jara Céspedes |

I: **TRUE OR FALSE: Circle the correct letter.**

T F 1. If an electrode sticks to the metal, free it by dipping in water.

T F 2. There is no danger to unprotected observers watching you.

T F 3. Unattended hot metal is a hazard to everyone in the laboratory.

T F 4. Welding fumes should never be allowed to collect in the laboratory.

T F 5. Electrode stubs lying on the floor are dangerous.

T F 6. Protect your face and eyes when chipping slag.

T F 7. Hot metal can be picked up with leather gloves.

T F 8. Weld with one hand to reduce fatigue.

T F 9. Wear a welding helmet with a No. 5 lens.

T F 10. It is not necessary to secure equipment in its proper place before leaving the área

T F 11. Submerge hot metal completely to prevent steam burns.

T F 12. Do not touch the electrode or electrode holder with bare hands.

T F 13. Cotton gloves and apron are the best for protecting against welding burns.

T F 14. Remove flammable materials from the welding area.

T F 15. It is safe to weld while standing on a damp floor.

**II. True or False. Escriba la letra correcta a las siguiente afirmaciones presentadas abajo.**

1. All potential fire hazards should be removed from the welding área **…………….**
2. Use natural drafts or fans to keep the fumes away from your face **………………..**
3. Eye protección is not always needed **……………….**
4. It is accptable to use electrode holders with loose cable connections **…………..**
5. Electrodes should no be changed with bare hands or wet gloves **…………….**

**III:\_ Multiple choice. Analice y responda en forma segura las siguiente preguntas.**

1. **Which part of the body is the UV light from arc welding harmful to?**



1. The ears
2. The forearms
3. The eyes
4. The hands
5. **Where should acetylene fuel cylinders be stored?**



1. Close to the welding area
2. In a secure compound
3. Alongside other gas cylinders
4. In the basement
5. **Which of the following is an example of RPE?**



1. Welding goggles or visors
2. Protective gloves
3. Overalls
4. A disposable dust mask
5. **How often should welding equipment be checked for damage?**



1. Before every use
2. On an annual basis
3. Every week
4. Once every few days
5. **Which hazardous metal oxide is associated with welding stainless steel?**



1. Nitrogen oxide
2. Iron oxide
3. Chromium oxide
4. Carbon dioxide