|  |  |
| --- | --- |
| Revision #:  Written by: | Date: Month DD, YYYY  Approved by: |
|  |  |

|  |  |  |
| --- | --- | --- |
| Related Documents: | * Electrical Code Regulations * National Fire Protection Code 70 | |
| When to use this SWP: | The rate at which electric energy is converted to or from another energy form, such as light, heat, or mechanical energy. The energy made available by the flow of electric charge through an electrical conductor. To be able to use tools, equipment, and lights that require an electrical charge. | |
| Hazards & Risks: | * Burns * Electrocution | |
| Personal Protective Equipment: | CSA approved   * Steel toes with electrical protection * Gloves * Safety Glasses | |
| Training Requirements: |  | |
| Communication Process: | * Lock Out Procedure * Lock Out Tags * Lock Out Locks & Key | |
| Equipment & Supplies: | * First Aid Kit * Fire Extinguisher * Cell/Smart Phone or two-way radio | |
| 1. Know location of high voltage areas. 2. Identify electrical outlets and cover or avoid these areas if they can get wet. 3. Always unplug cords from electrical source when not in use. 4. Do not break off ground to fit a plug into a two-prong outlet. 5. Use GFI plugs when close to water sources. 6. In the event of an emergency, shut down all power if possible before evacuating the building. 7. Inspect all electrical cords before use. This includes office equipment, which is permanently plugged in, and shop equipment both portable and permanent cords. 8. Extension cords shall not run through, behind or in walls, ceilings or floors or other concealed space. 9. Extension cords shall not be run under doors, or other locations. 10. Electrical cords and extension cords should not run on stairways or in the middle of pathways. 11. Avoid creating a tripping hazard. 12. Keep cords away from sources of heat. 13. Replace frayed cords immediately. 14. Organize and label all electrical cords for easy identification. 15. Neatly tie and place all electrical cords away from paths of travel and to avoid potential fire. 16. Do not tape cords to floors unless approved by an electrician. 17. Avoid using multi plug outlet devices, extension cords, or power bars excessively to avoid overloading the electrical system. 18. Do not allow electrical cords or extension cords to sit in water. 19. Keep material at least 10 feet from electrical panels. 20. All circuits closed in the electrical panel. 21. Only a certified competent electrician is permitted to work on the panel. 22. Contact an electrician if problems with the panel, electrical outlets or lights. | | |
| EMERGENCY PROCEDURES: | | In case of emergency, contact 911 and the farm owner immediately. Remove yourself from harm’s way and ensure no one else is at risk. |