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| 4309 | **UNIVERSITY OF CALIFORNIA****AGRICULTURE AND NATURAL RESOURCES****EMERGENCY ACTION and FIRE PREVENTION PLAN** |
|  | **In compliance with:**California Code of RegulationsTitle 8, Sections 3220 and 3221Implementation date:      Date of last revision:       |

**UNIVERSITY OF CALIFORNIA**

**AGRICULTURE AND NATURAL RESOURCES**

**EMERGENCY ACTION and FIRE PREVENTION PLAN**

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**UNIVERSITY OF CALIFORNIA**

**AGRICULTURE AND NATURAL RESOURCES**

**EMERGENCY ACTION & FIRE PREVENTION PLAN**

1. **INTRODUCTION**

This Emergency Action and Fire Prevention Plan (EAFPP) has been prepared for the University of California, Agricultural and Natural Resources. The plan complies with the California Code of Regulations (CCR), Title 8, Sections 3220 and 3221.

The EAFPP should be reviewed annually to ensure that it is up to date and applicable to the location.

**OFFICE INFORMATION**

|  |
| --- |
|  |
| *(Office Name)* |
|  |
| *(Office Location/Address)* |
|       |       |
| *(Phone)* | *(Fax)* |

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| *(Associate Director)* |  | *(Phone)* |  | *(email)* |

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| *(Coordinator)* |  | *(Phone)* |  | *(email)* |

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| *(Safety Coordinator)* |  | *(Phone)* |  | *(email)* |
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| *(Alternate Safety Coordinator)* |  | *(Phone)* |  | *(email)* |

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| *(Person responsible for maintenance of fire equipment and systems)* |  | *(Phone)* |  | *(email)* |
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|       |  |       |  |       |
| *(Person responsible for accumulation of flammable and combustible waste materials)* |  | *(Phone)* |  | *(email)* |

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| **Date of Annual Fire Drill:** |  |
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1. **DEFINITIONS**
	1. **Evacuation** - the emptying of an occupied area and the transference of occupants to a safe location**.**
	2. **Emergency** - an event, expected or unexpected, that threatens life, property, the environment, or research.
	3. **Critical business functions** - those actions or activities that would cause serious or irreparable harm to the facility and/or University if not performed or if interrupted due to an emergency.
2. **EMERGENCY EVACUATION PROTOCOLS**
3. **REPORTING EMERGENCIES:**

In the event of an emergency, employees should contact emergency services as soon as possible [CCR, Title 8, Section 3220(b)(5) & (c)]. This office reports emergencies by the following:

* 1. **Warning and Alarms**
* Emergency services will be notified by calling 911 and/or \_     \_\_.
* During an emergency evacuation, employees will be notified of the emergency condition by (lights, horn, voice, ext.): \_     \_\_.
* Alternate alarm methods (lights, horn, voice, ext.): \_     \_\_.
	1. **Use these guidelines to dictate when you should notify emergency services:**
* In the event of a medical emergency.
* To report all fire incidents, ***even if the fire is extinguished.***
* To report criminal or suspicious behavior.
* If you are in doubt about the seriousness of a situation, such as any possible situation that you believe may be serious and that may result in injury, death, loss of property, apprehension of a suspected criminal, or prevention of a crime that is about to occur.
	1. **Provide the following information to the Emergency Dispatcher upon calling**
* Your name.
* Whether you are in a safe location.
* What the nature of the emergency is.
* Where the emergency is located.
* When the emergency happened.
* How the emergency happened.
1. **PRIOR TO EXITING**

After hearing the alarm to evacuate, stop all work activities. If time permits, each person should gather their valuables (e.g., car keys, medication and other critical personal items), turn off equipment, (i.e. computer/machinery/electrical shutoffs), lock up sensitive items, leave lights on, and close, **but do not lock**, the doors (locked doors can hamper rescue operations). If emergency circumstances allow, the Safety Coordinator will gather computer backup tapes. Remember that you may not be allowed back into the building for an extended time.

The person responsible for roll call (Safety Coordinator or Alternate Safety Coordinator) will take a personnel list (use attached form or alternate) before leaving the building [CCR, Title 8, Section 3220(b)(3)].

1. **EVACUATION ROUTES**

During an emergency evacuation the following route(s) should be followed to exit the building [CCR, Title 8, Section 3220(b)(1)]: *See attached evacuation route map(s) or written description(s) for this location.*

Emergency evacuation route maps are posted at the following location(s):      .

The maps and/or written descriptions show the primary route evacuees will take to exit the building and make their way to the Assembly Area. Walk; do not run, to the emergency exit and Assembly Area.

1. **ASSEMBLY AREA**

After exiting the building, employees, researchers, students, volunteers, and visitors will follow the evacuation route to the pre-arranged Assembly Area located at      . The Safety Coordinator or Alternate Safety Coordinator is responsible for taking roll call and reporting injuries to the facility Director or Office Manager. The facility Director or Office Manager is responsible for informing the on-scene Incident Commander of the status of evacuated employees and others. If an employee or other person is in immediate danger, report the location of the individual directly to the nearest emergency responder.

Upon notification of an emergency, all employees, researchers, students, volunteers, and visitors shall go the Assembly Area. Stay within your respective group at the Assembly Area. Do not leave the area until notified to do so.

1. **SAFETY COORDINATOR RESPONSIBILITIES**

The safety coordinator is responsible for the planning, evaluation, and execution of the EAFPP and should perform the following duties:

1. Review and update the EAFPP annually or as needed.
2. Conduct annual facility evacuation drills. Know the location of all fire extinguishers; pull alarms, and first aid kits. Ensure evacuation routes are posted and walkways remain clear at all times.
3. When an emergency alarm has been sounded, systematically check all areas to assure everyone has been evacuated.
4. If needed, post assistants along the evacuation route to guide people to the Assembly Area.
5. Assist mobility impaired persons to evacuate safely.
6. Keep people calm and informed.
7. Report to the facility Director, Office Manager, or the on-scene Incident Commander.
8. If ordered by on-scene Incident Commander, move all people to the Assembly Area and inform people when it is safe to re-enter buildings. After a major earthquake, a person may not re-enter buildings until cleared by a qualified building inspector.

If the Safety Coordinator is not available, the Alternate Safety Coordinator or supervisors are responsible for reporting directly to the facility Director, Office Manager, or to the on-scene Incident Commander and for the duties noted above.

1. **IDENTIFICATION OF FIRE HAZARDS**

CCR, Title 8, Section 3221(b)(1) states that potential fire hazards and their proper handling and storage procedures, potential ignition sources, and their control procedures shall be included in the EAFPP. In addition, the types of fire protection equipment or systems which can control a fire need to be listed. The following is a list of potential fire hazards and their associated work areas:

|  |  |
| --- | --- |
| **Work Areas** | **Fire Hazards** |
| Office rooms..…………………..……  | Paper, Electrical       |
| Store room………………………..…… | Paper, Plastic, Flammable and combustible liquids |
| Break room......……………………….. | Paper, Plastic, Electrical appliances |
| Shop..……………………………......... | Paper, Plastic, Electrical power tools and equipment, Flammable and Combustible liquids |
| Barn...………………………………….. | Paper, Plant material, Feed, Electrical |
| Pesticide storage…...………...………. | Paper, Plastic, Flammable and Combustible liquids |
| Other………………………………….... |       |

 *Enter site specific information here –*

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| **Ignition Source** | **Location** |
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1. **FIRE CONTROL MEASURES**
2. **Fire Protection System**

The following fire control systems are installed in work areas:

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| --- | --- | --- |
| **Location** | **Sprinkler System** | **Fire Alarm System** |
| *Example: Lab* | *No* | *Yes* |
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1. **Fire Protection Equipment**

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| **Location** | **Type(s)** | **How Many** | **Weight(s)/Value** |
| *Example: Shop* | *Fire Blankets* | *2* | *N/A* |
| *Example: Shop* | *ABC Extinguisher* | *6* | *10 lbs & 20 lbs* |
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1. **HOUSEKEEPING PRACTICES**

CCR, Title 8, Section 3221(c) states that the employer shall control accumulations of flammable and combustible material and waste so that they don’t contribute to a fire emergency. The following describes fire prevention procedures associated with fire hazards identified above:

|  |  |
| --- | --- |
| **Type of Fire Hazard** | **Fire Prevention Practices** |
| Paper……………………..….….………  | Waste paper cans emptied weekly. |
| Plastic …...………………..……..……..  | Waste plastic discarded weekly. |
| Electrical………………………...….…..  | Periodic inspections of outlets, multi strips, cubicles, and work areas. |
| Flammable/combustible liquids....……  | Store liquids in approved flammable storage cabinet or away from sources of combustion, oxidizing chemicals, or other material that could increase the fire hazard. |
| Electrical appliances/tools .…...………  | Quarterly inspections of appliances; employees trained to inspect appliances/tools prior to use. |
| Plant Material ………………………….  | Plant material (especially dry materials) shall be separated from any and all sources of ignition or other flammable material. |

1. **SAFE CODE OF WORK PRACTICES**

The following safe work practices should be implemented to prevent fire and injury risks:

1. Flammables, including data sheets, books, rags, clothing, flammable liquids or trash shall not be placed or stored near heaters or their vents, any electrical appliance, or other potential sources of ignition.
2. Sources of actual or potential heat such as hot plates or electric coffee pots shall not be placed near flammable materials. C*andles are prohibited.*
3. Escape routes shall never be blocked, particularly in areas where flammable materials are stored.
4. Each individual is personally responsible for assuring that extension cords and multiple outlet plugs that they are using is in good condition. Cords that are spliced together, missing their protective sheath shall, or grounding plug shall not be used.
5. Smoking is prohibited near or around flammable or combustible material or liquids.
6. Hot work should not be performed near or around flammable or combustible material or liquids. Hot work shall only be performed in designated areas.
	* Hot work is defined as any operation which creates intense heat that is capable of igniting combustible materials or flammable atmospheres or providing a source of ignition for a fire. Types of operations include: welding, cutting, burning, heating, and/ or grinding
7. **MAINTENANCE AND INSPECTION PROGRAM**

The periodic maintenance and inspection frequencies for fire control measures are as follows:

**Fire Control Measures Inspection Frequency Responsible Party**

Sprinkler System Annual Certified Professional

Fire Alarm System Annual Certified Professional

Fire Extinguishers Inspection Monthly Local Staff:

Fire Extinguishers Test Annual Certified Professional

Other:

Other:

1. **TRAINING**

All employees shall be trained on the elements and hazards listed in the EAFPP and their facility.

Employees will be trained on the EAFPP upon hiring, a change in office location, when employee’s responsibilities change, or designated actions under the EAFPP change, and whenever the EAFPP changes. Employees should be made aware of those parts of the EAFPP which they must know to protect themselves in the event of an emergency. In addition, an annual review of the EAFPP and evacuation drill should also be conducted. The EAFPP is located at       and is available for review upon request.

**SIGNATURES**

The Emergency Action and Fire Prevention Plan has been reviewed and approved by the following individuals:

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|  |  |       |
| *(Associate Director)* |  | *(Date)*      |
| *(Coordinator)* |  | *(Date)* |

The Safety Coordinator and Alternate Safety Coordinator are aware of their responsibilities, as described in this plan.

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| *(Safety Coordinator)* |  | *(Date)*      |
| *(Alternate Safety Coordinator)* |  | *(Date)* |

**Emergency Roll Call Sheet**

**Office Location:**

The Safety Coordinator is responsible for maintaining a current list of personnel at the facility on this form, retrieving this form during an emergency, and tracking where people are during an emergency.

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| --- | --- | --- | --- |
| **Name** | **Phone** | **Pager/Cell** | **Status or Location** |
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