

Preharvest Checklist

Presented by:



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Objectives



Review the elements of an effective Injury and Illness Prevention Program

Review the elements of the Night Safety Standard

Review the elements of Wildfire Smoke Standard

Review general equipment safety

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Preharvest Safety Checklist

- All employers must make sure to have a safety checklist for both full-time and seasonal employees.
- We will review a few of the safety programs that businesses should have and review at the start of the year or season with all employees.

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Injury and Illness Prevention Program

Review program with all employees – they also must have access to copy of program.

The program must include the following components:

- Identify responsible person(s)
- Ensure employee compliance with safe and healthy work practices
- System for communication with employees
- Procedures to identify & evaluate workplace hazards

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Injury and Illness Prevention Program (cont)

- Investigate injuries and/or illnesses.
- Procedures for correction unsafe/unhealthy condition, work practices and or procedures
- Safety Training and Instruction
- Ensure thorough recordkeeping and document retention relative to the implementation of the safety program.

***Include COVID-19 Information**

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Night Safety Standard

Changes were made to amend: CCR, Title 8, Division 1, Chapter 4, Section 3441 – Operation of Agricultural Equipment

(g) All tractors, self-propelled farm equipment, and trucks used between sunset and sunrise shall be equipped with at least one headlight which shall be used to illuminate the area in front of the equipment or truck at least 50 feet. There shall be at least one rear light which shall illuminate equipment at the rear. Additional lighting shall be provided where the operation requires field adjustment or the operator's attention.

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Night Safety Standard - Added

3449. Outdoor Agricultural Operations During Hours of Darkness

Defined hours of darkness as between sunset and sunrise

At the cornerstone of this regulation is the illumination levels required.

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Foot-candles	Lux	Areas or Tasks
0.09-0.19	1-2	Poultry harvesting or catching operations
3	32.29	Meeting area and meal/rest area
5	53.82	Outdoor agricultural operations except where otherwise specified in this table. Pathways leading to and around restrooms and drinking water. Inside restroom facilities. Storage areas accessed by employees.
10	107.64	Intermittently exposed or exposed point of operation equipment, covered under Group 8: Points of Operation and Other Hazardous Parts of Machinery. Operationally visible moving parts of machinery covered under Group 6: Power Transmission, Prime Movers, and Machine Parts of the General Industry Safety Orders. Task lighting for agricultural operations that involve the use of tools that can potentially cause cuts, lacerations, or punctures.
20	215.30	Task lighting for maintenance work on equipment

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Additional Lighting Considerations

1. Lighting must be set up in a manner that minimizes glare. Test lighting options prior to implementation.
2. Employers must provide hands-free personal lighting, along with area lighting to ensure the task lighting requirements.

Expectation is that all work to be conducted at night is well-lit, whether through area lighting, personal lighting or a combination of both.

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Training Requirements

Employers are required to train workers at the start of each shift reviewing:

- Location of restrooms and how to safely access them in the dark
- Location of drinking water and how to safely access it in the dark
- Location of designated break areas and how to safely access it in the dark
- Location of bodies of water and other potential hazards, including high traffic areas

Document and keep records of your training and any materials used to train.

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High Visibility Clothing

- Employers must also provide at no cost and require employees to wear Class 2 high visibility clothing.
- The type of clothing is at the discretion of the employer and can potentially include a vest or jacket.



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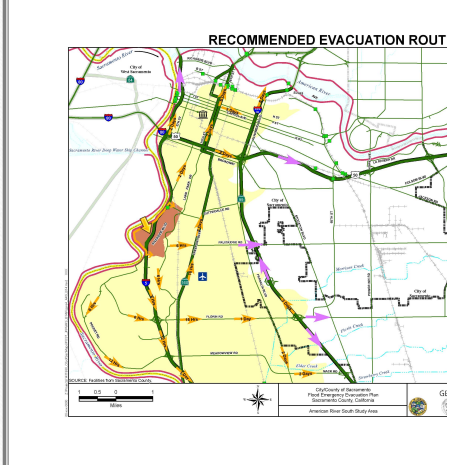
Wildfire Smoke – Emergency Action Plan

- Provide employees with your emergency action plan – it should include wildfire smoke precautions and your company's responsibilities to keep all workers safe.



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Wildfire Smoke – Evacuation Plan

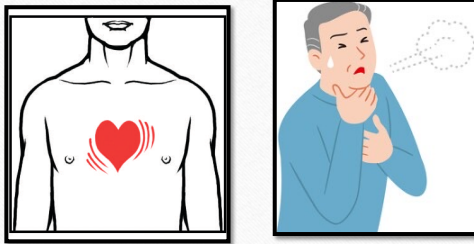
- Share your evacuation plan and recommended evacuation routes.

A map of the location is one way of providing this information to all employees.

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Wildfire Smoke – Health Effects

- Include information about the effects of wildfire smoke particulates with can include the following:
 - Burning eyes
 - Difficulty breathing
 - Coughing
 - Runny nose
 - Fatigue
 - Rapid heartbeat
 - Chest pain



Wildfire Smoke – Worker Rights

Provide information and access to prompt medical treatment if an employee does not feel well.

Provide information to employee about reporting symptoms to supervisor or company representative.

Under the law if an employee shows signs of injury or illness due to wildfire smoke exposure an employee can seek medical attention and not be punished for doing so.

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Air Quality Index (AQI) for Particulate Matter (PM)2.5

- The smallest and usually most harmful particulate matter is called PM2.5.
- You can visit government agency websites such as:
 - AirNow – www.airnow.gov and type in your city or zip code or
 - US Forest Service at <https://tools.airfire.org>
 - Local air districts

These sites provide reading you can use to track air quality during Wildfire season.

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Wildfire Smoke – Communication AQI

- If an employee is exposed to wildfire smoke then employer is required to find out the current AQI for the worksite. If the current AQI for PM2.5 is greater than 151, then employer must do the following:
 - ✓ Check the AQI before shift and periodically during your shift
 - ✓ Provide training
 - ✓ Lower exposures
 - ✓ Provide respirators and encourage employees to use them.

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Wildfire Smoke- Communication System

- The company will inform the employees when the air quality is harmful and provide protective measures.
- The employee is encouraged to let the company know if the air quality is getting worse, or if they are suffering any symptoms due to the air quality.
- *Additionally make sure you review the communication system in place for your worksite.*

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Wildfire Smoke – Protective Measures

- An employer may also implement the following protective measures if air quality is AQI for PM2.5 greater than 151.
 - Locating work in enclosed structures or vehicles where air is filtered
 - Implement changing procedures such as moving you to a place with a lower AQI for PM2.5
 - Increasing rest time and frequency, and providing a rest area with filtered air
 - Reducing the physical intensity of the work to help lower the breathing and heart rates

Share with employees which protective measures are in place for their worksite.

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Respirators - Importance

- Respirators can be an effective way to protect an employee's health by reducing exposure to wildfire smoke when they are properly selected and worn. They can even be beneficial for use when the AQI for PM2.5 is less than 151.



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Respirators – Precautions and Limitations

- You must select respirators certified for protection of specific air contaminants in the workplace.
- You must review with employees the manufacturer specific instructions on respirator's use, maintenance, cleaning and care along with any warnings regarding the respirator's limitations.
- Do not wear respirators in areas where the air contains contaminants that are not covered by that respirator such as gases or vapors.
- Respirators do not supply oxygen.
- Keep track of your respirator so you don't mistake it with someone else's.
- Check with your doctor if you have lung or heart problems before using a respirator.

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Respirators – Proper Use

- ❖ Respirators must have a tight seal around the face.
- ❖ Proper use will depend on type and model of respirator. If you are using an N95 or other filtering facepiece respirator mask do the following:
 1. Place mask over the nose and under the chin, with one strap place below the ears and one strap above.
 2. Pinch the metal part (if there is one) of the respirator over the top of the nose so it fits securely.

The mask should feel snug all around your face.

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Respirators – Maintenance and Replacement

- Replace filters if they get damaged, deformed, dirty or difficult to breath through.
- Filtering facepiece respirators are disposable respirators thus they cannot be cleaned or disinfected.
- Best practice with filtering facepiece respirators is to replace at the beginning of every shift.
- If employee needs to remove during their shift, place in a clean plastic bag or container.

If employee feels symptoms such as dizziness, difficulty breathing, or nausea remove respirator, find fresh air and get medical help.

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Agricultural Equipment

Title 8, Section 3441

An employee shall be instructed in the safe operation and servicing of all equipment before that the employee is assigned to operate the equipment. Training shall continue annually.

Examples: Tractor, Forklift, and ATV or other specialty equipment

Make sure to include:

What PPE is required, Pre-Inspection Checklist, Use of Seat Belts, Lock out/Tag out/Block out Procedures, Documentation.

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Sample Checklist

Pre - Use Inspection Check List - Agricultural Tractor				
Equipment daily checklist - perform before use and/or at the start of every shift				
Note general vehicle condition. Clear away all collected debris, steam clean if necessary. Check for mechanical damage and loose or leaking components. Report faults to your supervisor or the maintenance department, whichever your company requires.				
Before starting engine, check the following:				
VISUAL INSPECTION	STATUS			REMARKS
	OK	NO	ADD	
Walk-around inspection (swearing, decals, ID#s, signs, etc.)	<input type="checkbox"/>	<input type="checkbox"/>		
Front end/back end (visual inspection)	<input type="checkbox"/>	<input type="checkbox"/>		
Wheels, tires & lug nuts (condition) (pressure)	<input type="checkbox"/>	<input type="checkbox"/>		
Engine (check oil level and for leaks)	<input type="checkbox"/>	<input type="checkbox"/>		
Transmission (check oil level and for leaks)	<input type="checkbox"/>	<input type="checkbox"/>		
Engine belts (check for adjustment / wear)	<input type="checkbox"/>	<input type="checkbox"/>		
Air Cleaner (check indicator, clean or change AIR)	<input type="checkbox"/>	<input type="checkbox"/>		
Fuel filter (service as required)	<input type="checkbox"/>	<input type="checkbox"/>		
Radiator (check coolant level and for leaks)	<input type="checkbox"/>	<input type="checkbox"/>		
Hydraulic tank (check oil level and for leaks)	<input type="checkbox"/>	<input type="checkbox"/>		
Fuel tank (check off moisture & sediment)	<input type="checkbox"/>	<input type="checkbox"/>		
Lubricate chassis (as required, refer to lube chart)	<input type="checkbox"/>	<input type="checkbox"/>		
WIPAC (check, window, step, door)	<input type="checkbox"/>	<input type="checkbox"/>		
After starting engine, check the following:				
AFTER STARTING	STATUS			REMARKS
	OK	NO	ADD	
Engine (does it sound normal?)	<input type="checkbox"/>	<input type="checkbox"/>		
Instruments (check for normal readings)	<input type="checkbox"/>	<input type="checkbox"/>		
Air intake system (check for normal readings)	<input type="checkbox"/>	<input type="checkbox"/>		
Exhaust system (check for leaks & excessive smoke)	<input type="checkbox"/>	<input type="checkbox"/>		
Wipers & lights (spotlights, turn signals, etc.)	<input type="checkbox"/>	<input type="checkbox"/>		
Horn & backup alarm	<input type="checkbox"/>	<input type="checkbox"/>		
Controls (check for normal operation: loader & backhoe)	<input type="checkbox"/>	<input type="checkbox"/>		
Transmission (check oil level and speed ranges)	<input type="checkbox"/>	<input type="checkbox"/>		
Brakes (parking & service brakes)	<input type="checkbox"/>	<input type="checkbox"/>		
Steering	<input type="checkbox"/>	<input type="checkbox"/>		
Note anything abnormal or in need of repair : _____				
Operator : _____ Supervisor : _____				
Vehicle # : _____ Hour Meter Reading : _____ Date : _____				

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Thank you for your participation!



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