

**U.S. FOREST SERVICE  
UMPQUA NATIONAL FOREST  
ACTION PLAN**

**2019 Occupational Safety and Health Facility Inspection  
Tiller Ranger District**

**BACKGROUND**

On Wednesday, August 21, 2019, Forest Safety Manager Dean Teter of the Umpqua National Forest's Supervisors Office arrived on campus at the Tiller Ranger District for an Occupational Safety and Health inspection of the facility. This inspection was general in scope, and was not pursuant to any complaints or subsequent deficiencies present from any previous inspections.

An after action plan shall be generated in which details and methods are suggested by the Safety Manager, giving the responsible persons the tools they need to correct behavior, eliminate safety hazards, and maintain a safe and healthy work environment for employees and visitors.

**INSPECTION & INVESTIGATION**

Inspections are an examination of the environment requiring comprehensive investigation and analysis of environmental factors that affect the entire center. This involves investigating the patterns of negative effects, finding hidden flaws in the system, and discovering specific actions that contributed to any deficiencies. Root Cause Analysis focuses on a variety of factors, identifying one or more of the issues listed below:

1. **Environmental causes** – Tangible, material items that failed in some way and contributed to/caused the injury and/or deficiency; either directly or indirectly.
2. **Human causes** – Someone did something wrong, or did not do something that was required. Human causes typically lead to physical causes where short cuts were made because something wasn't available or utilized for its intended use.
3. **Organizational causes** – A system, process, or policy that people use to make decisions and carry out their assigned duties were flawed and contributed to an injury and/or deficiency.

## COMMUNICATION

Following an inspection and the development of an action plan, the results of the inspection will be communicated back to anyone deemed directly involved within the organization that will be affected. Communication can be written or verbal, but the Safety Manager for tracking and record keeping purposes shall document any verbal responses. Clear communication shall be provided at all times, ensuring the transparency of the Safety program in all inspections that don't require a level of confidentiality.

ITEM NO.	LOCATION	VIOLATION CLASSIFICATION	STANDARD/REGULATION	REFERENCE	ESTIMATED CORRECTION DATE	ESTIMATED COST OF CORRECTION
1.	Bldg. 2654, 2453, and 2652	Missing Fire Extinguishers	OSHA General Industry	29 CFR 1910.157	<b>October 23, 2019</b>	<b>\$100.00</b>
2.	Main Propane Tank (Large)	No Emergency Shut-Off Sign on fuel tanks Gas & Propane)	American National Standards Institute (ANSI)	ANSI-Z535	<b>October 23, 2019</b>	<b>\$20.00</b>
3.	Above Ground Fuel Tanks (Gas, Diesel, and Propane)	Documented-Above Ground Tank Inspections for damage or leaks.	Environmental Protection Agency (EPA) Oil Pollution Prevention Standard	40 CFR 112.8(c)(6)	<b>October 23, 2019</b>	<b>No Cost</b>
4.	Outdoor Propane Storage Cage	Propane cylinders should be stored outside and in an open air storage unit or cage with a protective <u>roof</u> overhead, at least 20 feet from other buildings.	OSHA General Industry National Fire Protection Standard (NFPA)	29 CFR 1910.101 NFPA 58 Liquefied Petroleum Gas Code	<b>October 23, 2019</b>	<b>\$400.00</b>

ITEM NO.	LOCATION	VIOLATION CLASSIFICATION	STANDARD/REGULATION	REFERENCE	ESTIMATED CORRECTION DATE	ESTIMATED COST OF CORRECTION
5.	Multiple Locations	Inadequate Fire Extinguisher Size. Replace 2.5lb Extinguishers with correct size (minimum of 5lb)	National Fire Protection Standard (NFPA)	NFPA 10 906.3	October 23, 2019	
6.	Multiple Locations	No signage for electrical panels (36 inches of clearance)	National Fire Protection Standard (NFPA)	NFPA-70 110.2	October 23, 2019	
7.	Multiple Locations	Expired 1 <sup>st</sup> Aid Kits	American National Standards Institute (ANSI)	ANSI Z308.1	October 23, 2019	
8.	Bldg. 25103 and 2651	Gas cans not being stored in flammables cabinet	OSHA General Industry	29 CFR 1910.106 (a)(32)	October 23, 2019	
9.	Warehouse #2400	Emergency Eye Wash Station non-operational	OSHA General Industry	29 CFR 1910.151(c)	October 23, 2019	
10.	Multiple Locations	Material Safety Data Sheets (MSDS) need to be updated to the new Safety Data Sheet (SDS) format which includes the new GHS requirements for labeling.	United Nations (UN); OSHA General Industry	U.N. Globally Harmonized System (GHS); 29 CFR 1910.1200 Hazcom2012	October 23, 2019	

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11.	Warehouse #2400	No Lock-out/ Tag Out Station	OSHA General Industry	29 CFR 1910.147(c)(5)(i)	October 23, 2019	
12.	Bldg. 22357	Excessive Battery Storage. Needs to be shipped out for disposal. (6 months in accumulation/ 6 months in storage. Maximum of 12 months on campus)	Environmental Protection Agency (EPA) , Universal Waste Standard	40 CFR 273	October 23, 2019	
13.	Warehouse #2400	Portable Respirator left out and exposed to the elements (needs to be in plastic storage bag)  Blocked Electrical Panel			October 23, 2019  October 23, 2019	

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14.	Bldg. 22357 and Administrative Building (Fuels Dryer)	Fire Hazard. Equipment requiring excessive power draw should not be plugged into a power strip that cannot handle the electrical load	OSHA General Industry	29 CFR 1910.303(b)(2)	October 23, 2019	
15.	Bldg. 25105	There is no Flammables Signage in this area.	OSHA General Industry	29 CFR 1910.145(A-F)	October 23, 2019	
16.	Bldg. 22357	(2) Oil tanks (Barrels) need to have tie downs and be electrically grounded.	OSHA General Industry	29 CFR 1910.304(f)	October 23, 2019	
17.	Bldg. 25105	Flammables not being stored in a flammables cabinet.	OSHA General Industry	29 CFR 1910.106 (a)(32)	October 23, 2019	
18.	Bldg. 25105	Missing Fire Extinguisher	OSHA General Industry	29 CFR 1910.157 ANSI/ RMI MH16.1	October 23, 2019	
19.	Sign Shop	Load Ratings Required on all shelving	American National Standards Institute (ANSI)			
20.	Gov. Housing	Periodic Monitoring of Asbestos (ACM) every 6 months (Friable is 4 or more broken pieces)	OSHA General Industry	1910.1001(d)(3)	October 23, 2019	

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21.	Gov. Housing	Asbestos Containing Material (ACM) Warning Signs must be posted on all residences that have identified ACM.	OSHA General Industry	29 CFR 1910.1001(j)(4)	October 23, 2019	



**SAFETY STANDARD/ REGULATION QUICK REFERENCE LIST:**

1. Forest Service Health and Safety Handbook, 6709.11
2. 29 CFR 1910- General Industry
3. 29 CFR 1926- Construction Industry
4. 29 CFR 1960- Field Federal Safety and Health Council
5. National Institute of Occupational Safety and Health (NIOSH)
6. American National Standards Institute (ANSI)
7. National Institutes for Health (NIH)
8. National Fire Protection Association (NFPA)
9. American Conference of Governmental Industrial Hygienists (ACGIH)
10. National Electric Code (NEC)
11. Uniform Plumbing Code (UPC)
12. International Building Code (IBC)
13. Underwriter Laboratories (UL)

**OSHA VIOLATION CLASSIFICATIONS:**

1. **WILLFUL:** A willful violation is defined as a violation in which the employer either knowingly failed to comply with a legal requirement (purposeful disregard) or acted with plain indifference to employee safety.

2. **SERIOUS:** A serious violation exists when the workplace hazard could cause an accident or illness that would most likely result in death or serious physical harm, unless the employer did not know or could not have known of the violation.
3. **REPEATED:** A Federal agency maybe cited for a repeated violation if the agency has been cited previously for the same or a substantially similar condition and, for a serious violation, OSHA's region wide inspection history for the agency lists a previous OSHA Notice issued within the past five years; or, for an other-than-serious violation, the establishment being inspected received a previous OSHA Notice issued within the past five years.
4. **OTHER-THAN-SERIOUS:** A violation that has a direct relationship to job safety and health, but is not serious in nature, is classified as "other-than-serious."

 (Signature of Issuing Inspector)	09/19/2019 (Date)	 (Signature of Line Officer)	7-24-19 (Date)
<p>*The unit line officer is to complete this column and return a copy of this form to the Safety Manager. When correction must wait for funding, the line officer should place a copy of this form in the abatement plan and unit financial plan(s). File an abatement plan if correction will take more than 30 days.</p>			