



# Timber Times

Partners for Healthy Forests

MARCH 2016

## SPECIAL POINTS OF INTEREST

- Top 20  
Safety  
Inspection  
Findings
- Machine  
Guarding
- Machine  
Guarding  
Videos

## Safety Flyer

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Hello All,

At the CTIA Annual Meeting in April, the board decided to launch a monthly safety flyer. Safety has always been a primary focus for CTIA and it is a critical component to keep our workman comp rates at a reasonable level.

If you have contractors or fellow loggers who are not CTIA members, we would be happy to add them to our list. Our goal is safety industry wide!

If you find an interesting article or an OSHA related issue, please share with me so that I can send to our larger list.

Hope this helps improve your safety program.

Molly

The Colorado Timber Industry Association (CTIA) is an association of small, family-owned businesses committed to logging, processing and performing service work in the forests of Colorado. We are exceptional partners to the public and private stewards of our valuable and beautiful forests. We embrace Best Management Practices (BMPs) and sustainable forestry. To meet these values, we host annual continuing education classes on BMPs and conduct field audits to demonstrate our accountability to high quality, active management designed to promote long term forest health.

## TOP 20 SAFETY INSPECTION FINDINGS

1. Machine guarding
2. Fall protection
3. Lock Out: procedures
4. Beams labeled with load limit
5. Breaker panels 36" clear zone
6. Extension cords
7. PPE hazard assessment
8. Damaged electrical
9. Chain hook safety latches
10. Electrical grounded
11. Electrical multi-plug used
12. Fine dust accumulation
13. Hand grinders missing guards
14. HAZCOM: Containers labeled
15. Fire Extinguishers
16. Air nozzle < 31 PSI?
17. Eye wash stations clean?
18. Foot Pedal: guarded
19. Bench grinder guard spacing
20. Acetylene & Oxygen: Not together

# Machine Guarding – Safety Talk

- According to the Bureau of Labor Statistics, over 800 workers in the US were killed in machine-related accidents. That's almost 20% of all work-related fatalities.
- Every one of these fatalities could have been prevented. We must be diligent and aware of safety whenever operating or working with machines.
- Moving parts on machines must be guarded because they can cause injuries such as: bruises, lacerations, crushed or broken bones, amputations, burns, or electrical shocks.

## **Points on a machine that require guarding include:**

**Point of operation is where the work is performed by the machine on a work piece.**

- Mechanical actions such as: cutting, grinding, shearing, bending, punching, stamping, etc.
- Sometimes the work piece can be a moving hazard – use fixtures and anti-kickback devices when required.

**Power transmission apparatus are machine parts that transmit energy.**

- Parts such as: belts, gears, flywheels, chains, pulleys, springs, spindles, shafts, etc.
- Commonly overlooked on machines that are not used as tools (e.g. air handling units, pumps, etc.).

**Other moving parts include all parts of the machine that move while it is working.**

## **Important points to remember for machine guards:**

1. Ensure all guards are in place and in good condition prior to using a tool or machine.
2. Remove machines from service if the guards are missing or in disrepair
3. Follow lockout/tagout if you need to remove guards to perform servicing or maintenance.
4. Ensure other safety devices on the machine or tool are working (e.g. emergency shut-offs, interlocks, etc.).
5. Never operate machines or power tools while wearing loose clothing or jewelry. Properly tie hair back.
6. Remember, some hand power tools also require machine guards!



# Machine Guarding Videos

<https://www.youtube.com/watch?v=GnDE4QuWyLU>

<https://www.youtube.com/watch?v=0XQf1E6c99o>

<https://www.youtube.com/watch?v=0XQf1E6c99o>

<https://www.youtube.com/watch?v=hRYhull2A7A>

