# TimberSafe Job Site Audit

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|---|---|---|---|
| **Company ID#** | | **Company Name** | |
| **Date of Inspection** | | **Contact Person** | |
| **Jobsite Location (State/County)** | | | |
| **Number of workers on site** | | | |
| **Inspector name** | | | |

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|---|---|---|---|---|---|
| **Logger Operation Type** | Manual | Feller Buncher | Both | | |
| **Logger Business Type** | Contractor | Independent | Company Crew | | |
| **Terrain** | Steep | Moderate | Flat | | |
| **Conditions** | Dry | Muddy | Snow | Ice | Windy |

| | |
|---|---|
| **Equipment** | |
| **Number of timber cutters** | |
| **Number of feller bunchers** | |
| **Number of cable skidders** | |
| **Number of grapple skidders** | |
| **Number of loaders** | |
| **Number of log trucks** | |
| **Other equipment (specify)** | |
| **Number of dozers** | |

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|---|---|---|---|
| **Does the company have a WC policy?** | Yes | No | |
| **Do you belong to any of the listed organizations?** | West Virginia Loggers Council | Mountain Loggers Cooperative Association | Other? Please provide name. |

**Instructions:** Mark each question with a single hash line for each instance observed while completing the audit. If the question does not apply or was not observed during the audit mark N/A for that question. Once the audit is complete, add up the total number of Yes and No hash marks per section and determine percentage score per section and total for the complete audit.

| Safety & Health Management (Written Program Components) | Yes | No | N/A |
|---|---|---|---|
| Roles and Responsibilities | | | |
| New Worker Orientation | | | |
| Work Rule Enforcement | | | |
| Accidents, Incidents, and Near-misses | | | |
| Training | | | |
| Safety Meetings | | | |
| Inspections, Observations and Audits | | | |
| First Aid | | | |
| OSHA Standards | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Program Implementation and Documentation | Yes | No | N/A |
|---|---|---|---|
| All workers have been given a copy the program and work rules and records kept. | | | |
| Workers supervised by owner or foreman. | | | |
| All workers accounted for daily and records kept. | | | |
| Progressive disciplinary policy implemented and records kept. | | | |
| Accident, incident and near-miss program implemented and records kept. | | | |
| Non-scheduled safety training held due to new hire, new work-task, unsafe act, near-miss or accident held and records kept. | | | |
| New or less experienced workers work under close supervision and records kept | | | |
| All workers have current First Aid /CPR Cards | | | |
| OSHA standards training including the logging standard, bloodborne pathogens, personal protective equipment, hearing conservation, lock-out/tag-out, emergency action, and hazard communication and records kept. | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Safety Meetings and Audits | Daily | Weekly | Twice per Month | Monthly | Other |
|---|---|---|---|---|---|
| Regularly scheduled and informative safety training and meetings held and records kept. | | | | | |
| Frequent and regular safety audits performed using checklist and records kept. | | | | | |
| Total Numbers | | | | | |

| Loading and Transporting Operations | Yes | No | N/A |
|---|---|---|---|
| ANSI approved hard hat being worn properly. | | | |
| Open cab operator properly using hearing protection | | | |
| Worker near noisy operation properly wearing hearing protection. | | | |
| ANSI approved eye protection being worn properly if needed. | | | |
| Worker properly wearing sturdy leather boots with ankle support and moisture resistance. | | | |
| Worker wearing puncture resistant gloves while handling wire rope. | | | |
| Are ground crews wearing brightly colored shirts, vests, or jackets? | | | |
| Only authorized workers in the area or within the danger zone. | | | |
| There is working clearance between the truck and logs being loaded. | | | |
| Driver is out of the cab and in a safe location (a distance equal to twice the length of the longest product being handled at a minimum; drivers of chip trailers can remain in cab). | | | |
| Logs being loaded to prevent slippage or loss during handling and transport. | | | |
| Loads binders must be attached before loaded truck is moved beyond the landing area (truck may be moved a short distance away (but not off the landing) from the loader and log piles if the driver deems it to be a safer option for binding the load). | | | |
| Logs loaded in such a manner that not more than fifty (50) percent of any part of a log is above the truck standards. | | | |
| First Aid Kit at each active landing and each employee transport vehicle (a single first aid kit at the landing will satisfy this requirement). | | | |
| Machines/vehicles inspected at the beginning of each shift. | | | |
| Machines/vehicles with defects that affect safe operation tagged and pulled from service until repaired. | | | |
| Manufacturer's instructions located on each piece of equipment or in the area. | | | |
| Machines/vehicles operated only by designated and trained workers. | | | |
| Seatbelts being worn by operator on machines with ROPS and/or FOPS. | | | |
| Each piece of equipment has its own fully charged portable fire extinguisher. | | | |
| Operator safely parks equipment ensuring no movement (blade grounded, parking brake and/or transmission lock engaged. | | | |
| Cabs free of unsecured tools and other loose items. | | | |
| Hand or audible signals, radios, or phones used when noise/distance prevents clear voice communication. | | | |
| No riders on equipment, other than the operator. | | | |
| Steps intact and serviceable. | | | |
| Handholds intact and serviceable. | | | |
| Two means of access / egress | | | |
| 3-point mount/dismount | | | |
| No flammables in operator's cab. | | | |
| Workers maintain safe distance from log inventory | | | |
| No booms or loads above ground workers | | | |
| Loader boom grounded when not in use | | | |
| Serviceable metal standards and cab racks on trucks | | | |

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|---|---|---|---|
| Containers properly labelled | | | |
| Walking and working surfaces shall be free of waste, debris, and any other material which might result in fire, slipping, or falling | | | |
| No unstable log piles | | | |
| No poorly positioned log piles that create a potential hazard for truck drivers and ground workers. | | | |
| Miscellaneous unsafe acts/conditions: Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Cable Skidding Operations | Yes | No | N/A |
|---|---|---|---|
| Chokers hooked and unhooked from end of the log on the uphill side. | | | |
| Ground workers within clear view of the skidder operators. | | | |
| Operators wait for the signal before winching. | | | |
| Winching being done within the stability limits of the machine. | | | |
| Skidder blade down during initial winch. | | | |
| Winch cable within 45 degrees of machine center Line | | | |
| Operator operates winch from within cab | | | |
| Hard hat available in cab | | | |
| ANSI approved hard hat being worn properly. | | | |
| Open cab operator properly using hearing protection | | | |
| Worker near noisy operation properly wearing hearing protection. | | | |
| ANSI approved eye protection being worn properly if needed. | | | |
| Worker properly wearing sturdy leather-boots with ankle support and moisture resistance. | | | |
| Worker wearing puncture resistant gloves while handling wire rope. | | | |
| Machines/vehicles inspected at the beginning of each shift. | | | |
| Machines/vehicles with defects that affect safe operation tagged and pulled from service until repaired. | | | |
| Manufacturer's instructions located on each piece of equipment or in the area. | | | |
| Seat belts being worn by operator on machines with ROPS and/or FOPS. | | | |
| Each piece of equipment has its own fully charged portable fire extinguisher. | | | |
| Machines operated to maintain "two tree length" safety zone for other workers and equipment. | | | |
| Operator safely parks equipment ensuring no movement (blade grounded, parking brake and/or transmission lock engaged.) | | | |
| Cabs free of unsecured tools and other loose items. | | | |
| Hand or audible signals, radios, or phones used when noise/distance prevents clear voice communication. | | | |
| No riders on equipment, other than the operator. | | | |
| Steps intact and serviceable. | | | |
| Handholds intact and serviceable. | | | |
| Two means of access / egress | | | |

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|---|---|---|---|
| 3-point mount/dismount | | | |
| No flammables in operator's cab. | | | |
| ROPS and FOPS intact and serviceable | | | |
| Attachments grounded when not in use (blades, grapples) | | | |
| ANSI approved hard hat being worn properly. | | | |
| Open cab operator properly using hearing protection | | | |
| Worker near noisy operation properly wearing hearing protection. | | | |
| ANSI approved eye protection being worn properly if needed. | | | |
| Worker properly wearing sturdy leather-boots with ankle support and moisture resistance. | | | |
| Worker wearing puncture resistant gloves while handling wire rope. | | | |
| Open cab operator wearing ANSI approved eye protection | | | |
| Miscellaneous unsafe acts/conditions: Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Grapple Operations | Yes | No | N/A |
|---|---|---|---|
| Machines/vehicles inspected at the beginning of each shift. | | | |
| Machines/vehicles with defects that affect safe operation tagged and pulled from service until repaired. | | | |
| Manufacturer's instructions located on each piece of equipment or in the area. | | | |
| Seat belts being worn by operator on machines with ROPS and/or FOPS. | | | |
| Each piece of equipment has its own fully charged portable fire extinguisher. | | | |
| Machines operated to maintain "two tree length" safety zone for other workers and equipment. | | | |
| Operator safely parks equipment ensuring no movement (blade grounded, parking brake and/or transmission lock engaged.) | | | |
| Cabs free of unsecured tools and other loose items. | | | |
| Hand or audible signals, radios, or phones used when noise/distance prevents clear voice communication. | | | |
| No riders on equipment, other than the operator. | | | |
| Steps intact and serviceable. | | | |
| Handholds intact and serviceable. | | | |
| Two means of access / egress | | | |
| 3-point mount/dismount | | | |
| No flammables in operator's cab. | | | |
| ROPS and FOPS intact and serviceable | | | |
| Attachments grounded when not in use (blades, grapples) | | | |
| ANSI approved hard hat being worn properly. | | | |
| Open cab operator properly using hearing protection | | | |
| Worker near noisy operation properly wearing hearing protection. | | | |
| ANSI approved eye protection being worn properly if needed. | | | |

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| Worker properly wearing sturdy leather-boots with ankle support and moisture resistance. | | | |
| Worker wearing puncture resistant gloves while handling wire rope. | | | |
| Ground workers on foot within clear view of the skidder operators. | | | |
| Open cab operator wearing ANSI approved eye protection. | | | |
| Are ground crews wearing brightly colored shirts, vests, or jackets? | | | |
| Miscellaneous unsafe acts/conditions: Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Dozer Operations | Yes | No | N/A |
|---|---|---|---|
| ANSI approved hard hat being worn properly. | | | |
| Open cab operator properly using hearing protection | | | |
| Worker near noisy operation properly wearing hearing protection. | | | |
| ANSI approved eye protection being worn properly if needed. | | | |
| Worker properly wearing sturdy leather-boots with ankle support and moisture resistance. | | | |
| Worker wearing puncture resistant gloves while handling wire rope. | | | |
| Cable handlers wearing gloves. | | | |
| Chokers hooked and unhooked from end of the log on the uphill side. | | | |
| Ground workers within clear view of the skidder operators. | | | |
| Operators wait for the signal before winching. | | | |
| Winching being done within the stability limits of the machine. | | | |
| Blade down during initial winch. | | | |
| Winch cable within 45 degrees of machine center line | | | |
| Operator operates winch from within cab | | | |
| Machines/vehicles inspected at the beginning of each shift. | | | |
| Machines/vehicles with defects that affect safe operation tagged and pulled from service until repaired. | | | |
| Manufacturer's instructions located on each piece of equipment or in the area. | | | |
| Seat belts being worn by operator on machines with ROPS and/or FOPS. | | | |
| Each piece of equipment has its own fully charged portable fire extinguisher. | | | |
| Machines operated to maintain "two tree length" safety zone for other workers. | | | |
| Operator safely parks equipment ensuring no movement (blade grounded, parking brake and/or transmission lock engaged. | | | |
| Cabs free of unsecured tools and other loose items. | | | |
| Hand or audible signals, radios, or phones used when noise/distance prevents clear voice communication. | | | |
| No riders on equipment, other than the operator. | | | |
| Steps intact and serviceable. | | | |
| Handholds intact and serviceable. | | | |
| Two means of access / egress | | | |

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|---|---|---|---|
| 3-point mount/dismount | | | |
| No flammables in operator's cab. | | | |
| ROPS and FOPS intact and serviceable | | | |
| Attachments grounded when not in use (blades, grapples) | | | |
| Are ground crews wearing brightly colored shirts, vests, or jackets? | | | |
| Miscellaneous unsafe acts/conditions: Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| **Manual Felling Operations** | **Yes** | **No** | **N/A** |
|---|---|---|---|
| All safety features on chain saw working properly (Chain break, chain catch, throttle interlock). | | | |
| Saw fueled at least 10 feet from ignition sources. | | | |
| Start saw at least 10 feet from the fuel sources. | | | |
| Saw started with the chain brake on and firmly supported with at least 2 points of contact. | | | |
| Both hands kept on the saw when operating. | | | |
| Footing secure. | | | |
| No cutting overhead or alternative method used (pole saw). | | | |
| Chain saw shut off or chain brake engaged if the terrain is hazardous or if you are moving more than 2 steps. | | | |
| ANSI approved hard hat being worn properly. | | | |
| Chain saw operator properly using hearing protection | | | |
| Chain saw operator properly wearing ANSI approved face protection (logger-type mesh screens). | | | |
| Chain saw operator properly wearing UL approved chaps | | | |
| Chainsaw operator wearing optional eye protection. | | | |
| Chain saw operator wearing UL approved cut resistant boots that cover and support the ankle | | | |
| No overhead hazards when limbing and bucking | | | |
| Work zone free from hazards (e.g., danger trees, hung trees, snags and dead limbs) | | | |
| When bucking a wind-thrown tree, root wad is chocked to prevent it from hitting workers. | | | |
| Worker checks the position, condition, and lean of the tree prior to felling. | | | |
| Worker establishes a clear fall path and landing zone. | | | |
| Worker has a planned and cleared escape path at an approximate 45-degree angle to the direction of the fall. | | | |
| Chain saw shutoff or chainbrake engaged before retreat. | | | |
| Using controlled directional felling through application of the open face notch method. | | | |
| Open face notch at least 70 degrees. | | | |
| Hinge located at or about 80% of the diameter breast height (dbh) | | | |
| Adequate hinge width (guideline is 1 inch per 10 inches of dbh) and depending on species | | | |
| No bypasses in the notch. | | | |
| Worker at least two tree lengths from other workers and machines. | | | |
| If spring poles created, they are mechanically released or released by properly shaving wood from the underside. | | | |
| Limbing and bucking on the uphill side of the log. | | | |
| Ensure log will not move or roll. | | | |

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| Log is chocked or worker used cuts such as the top lock, limb lock or tongue and groove to control log movement. | | | |
| First Aid Kit at each active felling location. | | | |
| Chainsaw fuel and bar/chain oil in UL approved and properly labeled container. | | | |
| Danger trees, lodged trees, snags felled or removed with equipment before felling starts (or marked and no work performed within two treelengths of the danger tree, unless the employer demonstrates that a shorter distance will not create a hazard for the employee). | | | |
| Caution is exercised when operating on windy days. | | | |
| Machines/vehicles operated only by designated and trained workers. | | | |
| Miscellaneous unsafe acts/conditions. Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Feller Buncher Operations | Yes | No | N/A |
|---|---|---|---|
| Only trained operators operating feller buncher. | | | |
| Feller buncher/saw-head never operated within 300 feet of other equipment or personnel. | | | |
| Feller Buncher works up and down slopes. | | | |
| Caution is exercised when operating on windy days. | | | |
| Attachments always grounded or supported in safe position while not in operation or for maintenance. | | | |
| Saw-heads always stumped to stop them prior to returning to the deck or servicing the head. | | | |
| The unit includes all guards, screens, and shields. | | | |
| Open cab operator properly using hearing protection | | | |
| ANSI approved eye protection being worn properly if needed. | | | |
| Worker properly wearing sturdy leather boot with ankle support and water resistance. | | | |
| Machines/vehicles inspected at the beginning of each shift. | | | |
| Machines/vehicles with defects that affect safe operation tagged and pulled from service until repaired. | | | |
| Manufacturer's instructions located on each piece of equipment or in the area. | | | |
| Seat belts being worn by operator on machines with ROPS and/or FOPS. | | | |
| Each piece of equipment has its own fully charged and fully secured portable fire extinguisher. | | | |
| Machines operated to maintain "two tree length" safety zone for other workers and machines. | | | |
| Cabs free of unsecured tools and other loose items. | | | |
| Hand or audible signals, radios, or phones used when noise/distance prevents clear voice communication. | | | |
| No riders/passengers on equipment. | | | |
| Steps intact and serviceable. | | | |
| Handholds intact and serviceable. | | | |
| Two means of access / egress | | | |
| 3 point contact when mounting or dismounting | | | |
| First aid kit in feller-buncher. | | | |
| No flammables in operator's cab. | | | |

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|---|---|---|---|
| No riders on equipment. | | | |
| Miscellaneous unsafe acts/conditions. Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Overhead power line Hazards | Yes | No | N/A |
|---|---|---|---|
| A clearance of 10' is maintained up to 50kV | | | |
| If a clearance of 10' cannot be maintained, lines deenergized or protected. | | | |
| If voltage is higher than 50kV clearance increased 4" per 10kV | | | |
| Vehicle in transit with structure lowered clearance no closer than 4' increased 4" for every 10 kV over 50kV. | | | |
| Employees standing on the ground may not contact the vehicle or mechanical equipment or any of its attachments | | | |
| If insulating barriers are installed and properly for voltage of line the clearance is a distance within the designed working dimensions of the insulating barrier. | | | |
| Are ground crews wearing brightly colored shirts, vests, or jackets? | | | |
| Miscellaneous unsafe acts/conditions: Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Chemical Hazards | Yes | No | N/A |
|---|---|---|---|
| Fuels for vehicles, machinery and chain saws stored, handled, transported and used according to OSHA standards. | | | |
| Fuels for vehicles, machinery and chain saws NOT transported in the driver compartment or in any passenger-occupied area of a machine or vehicle. | | | |
| Fuels for vehicles, machinery and chain used to start fires only if the particular situation doesn't create a hazard to workers. | | | |
| Gas-powered equipment shut off when fueling. | | | |
| Diesel-powered equipment left at idle when fueling, only if safe fueling procedures followed. | | | |
| Miscellaneous unsafe acts/conditions: Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Chainsaw Operations | Yes | No | N/A |
|---|---|---|---|
| All safety features on chain saw working properly (Chain break, chain catcher, throttle trigger interlock). | | | |
| Saw fueled at least 10 feet from ignition sources. | | | |
| Start saw at least 10 feet from the fuel sources. | | | |
| Saw started with the chain brake on and firmly supported or on the ground. | | | |
| Both hands kept on the saw. | | | |
| Footing secure. | | | |
| No cutting overhead or alternative method used (pole saw). | | | |
| Chain saw shut off or chain brake engaged if the terrain is hazardous or if you are moving more than 50 feet. | | | |
| ANSI approved hard hat being worn properly. | | | |
| Chain saw operator properly using hearing protection | | | |
| Chain saw operator properly wearing ANSI approved eye protection and logger-type mesh screens. | | | |
| Chain saw operator properly wearing UL approved chaps | | | |
| Chain saw operator wearing UL approved cut resistant boots that cover and support the ankle | | | |
| Are ground crews wearing brightly colored shirts, vests, or jackets? | | | |
| Miscellaneous unsafe acts/conditions: Explain | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

| Miscellaneous unsafe acts/conditions | Yes | No | N/A |
|---|---|---|---|
| Describe Act Here: | | | |
| Total Numbers | | | |

$$\textbf{Section Score} = \frac{\textbf{Yes}}{\textbf{Yes} + \textbf{No}} \times 100 = \_\_\_\_\_\%$$

Instructions: To determine the score for entire the audit, add-up the total number of “Yes” hash marks and the total number of “No” hash marks and add those two totals together (Yes + No). Then divide the total “Yes” score by the total “Yes + No” score and multiply by 100 to get your percentage score.

| | |
|---|---|
| Total Yes | |
| Total No | |

| | |
|---|---|
| Total Yes + No | |

$$\boldsymbol{Final\ Score} = \frac{\boldsymbol{Yes}}{\boldsymbol{Yes + No}} \times \mathbf{100} = \_\_\_\_\_\%$$