

WASHINGTON STATE LOGGER SAFETY INITIATIVE

Keeping Washington loggers safe.

Hazards Observed from DOSH LSI Consultations

June 16, 2014

All LSI participants receive a comprehensive DOSH Consultation; below is a list of ‘serious’ hazards identified by the DOSH consultants through April 11, 2014.

A serious violation is where there is a substantial probability of death or serious physical harm resulting from a hazardous condition, or from one or more practices, means, methods, or operations.

Serious	Description and Code	Hazard and injury that might occur.
2	Drop starting saw 54-537 (10)	<i>Not in control of saw, serious lacerations</i>
1	Mushroomed head on hammer 54-535 (3) (b)	<i>When striking soft hammer on wire axe or when driving in a pin, sharp metal fragments would be dislodged and turned into projectiles, penetration or eye injuries.</i>
1	Undersized shackles 54-54730 (6)	<i>Shackles or components not rated for the job could fail, resulting in struck by hazard.</i>
6	Guard missing on yarder 54-573 (39)	<i>Missing guards, exposing employees to rotating gears, chains and sprockets. Amputations,</i>
1	No written procedures lock out 54-517 (1)	<i>Employees exposed to stored energy. Broken bones, injection, loss of life.</i>
4	Chain and binder was holding brake pedal 54-573 (9) (a)	
1	Gloves in poor condition 54-51140	<i>Cuts, abrasions, penetration</i>
6	Out of service hard hat 54-51110 (3)	<i>Head injuries, loss of life</i>
1	Snag leaning over crew 54-507(3)	<i>Struck by, loss of life</i>
4	Bent grab rail or missing 54-573 (20)	<i>Falls from elevated surface or hand (finger) pinch points. Broken bones or amputated finger.</i>
2	Guy line hung on standing tree 54-569 (7)	<i>Standing tree could be pulled over. Employees exposed to being struck by tree, or as tree tips over, the yarder’s stability is compromised and most likely fail, employees struck by or crushed.</i>
1	Horn does not work on equipment 54-537 (9) (a)	<i>Employees would not be aware the equipment is moving, exposed to crushing , struck by, loss of life</i>

1	Defective climbing gear (ropes and spur straps torn half way through) 54-545 (4)	<i>Defective straps or belt could fail causing climber to lose control. Fall from heights, broken bones, loss of life.</i>
3	No eye protection running a saw 54-51120 (1)	<i>Flying debris, blindness</i>
1	No seat in Cat a bucket being used 54-523 (3)	<i>Cat operator would not be in control of dozer, no seat belt in use, operator is ejected from cab, broken bones, or loss of life.</i>
1	Seat belt removed from Cat 54-527 (5)	<i>See above</i>
2	Dutchman 54-53910 (12)	<i>Loss control of tree, possible barberchair, struck by loss of life</i>
1	Using closed step ladder to access Yarder cab 876-40050	<i>Falls from ladder</i>
2	Air nozzle not reduced to 30 psi 807-14020	<i>injection</i>
1	Sky line anchored to standing tree and if pulled would hit crew 54-567 (5) (b)	<i>Struck by, crushed, loss of life</i>
2	Leaving danger trees in front of trees being cut 54-507 (3)	<i>Struck by , loss of life</i>
3	Too narrow face in hardwoods 54-539410 (10)	<i>Barberchair, loss control of tree, struck by injury, loss of life.</i>
7	One hand operation of power saw 54-537 (11)	<i>Not in control of saw, employee's hand is not positioned to trigger chain brake. serious lacerations</i>
1	Not swamping out far side of tree 54-539 (6) (a)	<i>Establish escape route. Not able to get away, struck by loss of life</i>
1	Cutting under the lean of a tree 54-539 (2)	<i>Exposed to direction of falling tree and over head hazards, struck by loss of life</i>
1	No hearing protection while operating saw 54-51120 (1)	<i>Loss of hearing</i>
3	Working closer than 2 tree lengths 54-539 (1) (b)	<i>struck by injuries - loss of life</i>
1	Not trained on LOTO 54-517 (7)	<i>Employees exposed to stored energy. Broken bones, injection, loss of life</i>
4	Out of service guy line 54-557 (2) (e)	<i>Guyline(s) fail, tower tips over. Struck by loss of life.</i>
1	Exposed wires on power tools 54-535 (1)	<i>Cuts abrasions, electrocution</i>
1	Undersized strap on sky line 54-54740 (1)	<i>Shackles or components not rated for the job could fail, resulting in struck by hazard.</i>
1	Cleared out in front of the turn 54-577 (5)	

2	Wrappers not within 6' of front bunk 54-58950 (4)	<i>Load of logs unstable, or loss of control of truck result in crash. Struck by, loss of life</i>
2	Spooling line by hand 54-537 (33)	<i>Loss of footing or pulled into drum as spooling, your dead</i>
1	Worn out shackles 54-54710 (2) (a)	<i>Addressed earlier</i>
1	Ring chokers severely worn 54-54710 (4)	<i>Addressed earlier</i>
1	Poor notch on guy line stump 54-561 (7)	
2	Guy line not straight 54-5610 (10)	<i>Si-washed tree could be fail striking crew.</i>
1	Processor operator swung logs over rigging crews heads 54-577 (12)	<i>Grapples fail, logs fall, ground person dead</i>
1	Broken bar case on saw 54-537 (8)	<i>? chain brake side case defective?, non functional chain brake, lacerations(</i>
2	Out of service chaps 54-511 (2)	<i>Cuts lacerations from chain saw.</i>
2	Under cut too deep to fit wedge in back cut 54-53910 (11)	<i>Cutter not in control of tree, struck by</i>
1	Short splice on main line 54-55720 (2)	<i>Line failure</i>
1	Not inspecting work of cutters 54-539 (8)	
1	Processor operator cutting toward chaser 54-513 (1)	<i>Chain shot. Loss of life</i>
1	Guard missing on line horse 54-537 (39)	<i>Addressed earlier</i>
1	Broken chain brake on power saw 54-531 (1)	<i>Chain brake out of service exposing operator to lacerations in the event of kick back or loss control of saw.</i>
1	Using block of wood between fall and rider block 54-515(3)(h)	<i>Overhead block of wood fails, falls striking worker(s) below</i>
1	Main line sawing on snap guy 54-547 (1)	<i>Line failure, struck by</i>
1	Chokers same size as main line 54-54770 (1)	<i>Addressed earlier</i>
1	Two guy lines not tight 54-561 (7)	<i>Addressed earlier</i>
1	Hydraulics left engaged when operator got out of cab 54-517(3)(3)(b)	<i>With engine running, there is no in control of equipment. Struck by injury</i>