

# Field Guide: Safe Work Zone - Log Loading

In forest operations, the risk of an incident increases when operators are not separated into safe work zones (or areas).

## SAFE WORK ZONE

The work zone may be directly related to the area where forest operations are occurring, including loading log trucks and log processing.

A work zone is made into a Safe Work Zone by separating work activities. This can be achieved by:

- **Physical barrier:** A machine canopy, or a parked machine placed between ground-based workers and other working machines
- **Distance:** The common separation distance and agreed areas
- **Time:** Risk can be reduced by scheduling different parts of operations to occur at different times.

## A SAFE PLACE FOR TRUCK DRIVERS

Establish and agree upon a safe place where truck drivers can be during loading of log trucks

- Truck driver in an agreed location, for example out of the cabin in a designated safe area or in the truck cabin
- If out of the cabin the truck driver at least 20m away from the front or back of the machine and in line of sight (fig. 2)
- Do not stand in machine blind spots
- Entry into safe work zone only to occur with permission.

In addition, if log processing is occurring at the same log landing, then ensure:

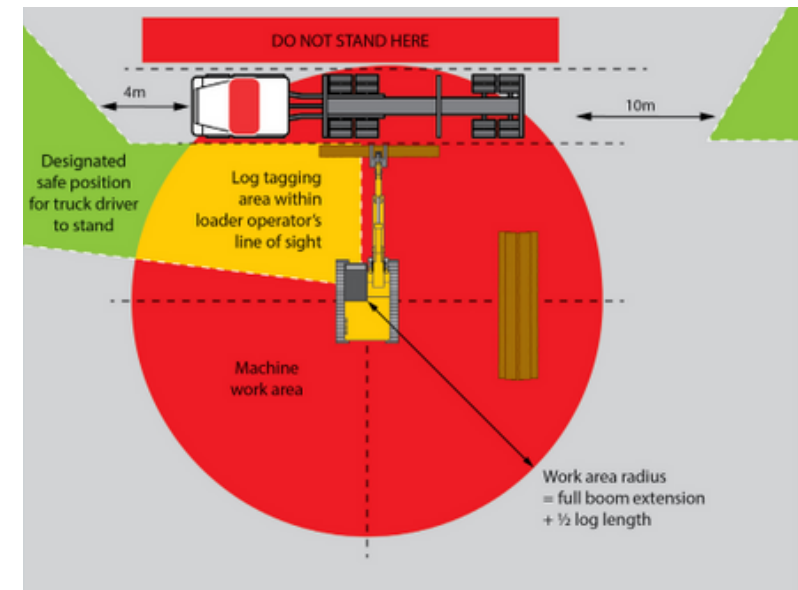
- Separation distance of boom length plus log length
- Minimum of two tree lengths from processor
- Separation by barrier (parked equipment).

## ADDITIONAL

Be aware of Chain Shot Zones (refer to Chain Shot Toolbox Guide at [www.qldnativeforestry.com.au](http://www.qldnativeforestry.com.au))



## EXAMPLES OF SAFE WORK ZONES



**Figure 1-** An example of a safe work area during log loading, as agreed upon by the operator and truck driver. Source: Guide to managing risk of loading, transporting and unloading logs



**Figure 2-** Example of a safe standing location a minimum of 20m from the front of the machine. Source: Guide to managing risk of loading, transporting and unloading logs