



Texas Department
of Insurance



Safety Audit Farm & Ranch

Provided by

**Workers'
Health & Safety**

HS94-037C (10/05)

Farm and Ranch Safety Audit

Company name: _____
 Jobsite address: _____
 Supervisor: _____
 Date/Time: _____
 Inspector: _____

Check Items Inspected:

Yes No N/A Date Corrected

Farm Tractors

- | | | | | |
|-------|-------|-------|-------|---|
| _____ | _____ | _____ | _____ | 1. Is the tractor equipped with a rollover protective structure (ROPS)? |
| _____ | _____ | _____ | _____ | 2. Do you always wear seatbelts with ROPS? |
| _____ | _____ | _____ | _____ | 3. Do you read the operator's manual and follow operating, maintenance and safety recommendations made by the manufacturer? |
| _____ | _____ | _____ | _____ | 4. Do you conduct a pre-operational inspection of the tractor and observe bystanders and hazardous objects before operation |
| _____ | _____ | _____ | _____ | 5. Do you enforce the "NO RIDERS" rule? |

Yes No N/A Date Corrected

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|-------|-------|-------|-------|---|
| _____ | _____ | _____ | _____ | 6. Is there a clean, reflective slow moving vehicle sign (SMV) on the rear of the tractor or the towed implement? |
| _____ | _____ | _____ | _____ | 7. Are all warning labels readable and in place? |
| _____ | _____ | _____ | _____ | 8. Do you lock brake pedals together before traveling on roads and do they operate evenly? |
| _____ | _____ | _____ | _____ | 9. Do you use safety hitch pins and chains for towed equipment? |
| _____ | _____ | _____ | _____ | 10. Is there a first aid kit and fire extinguisher on the tractor? |
| _____ | _____ | _____ | _____ | 11. Do you provide adequate ventilation when operating tractors in buildings? |
| _____ | _____ | _____ | _____ | 12. Are steps and operator platforms free of mud, debris, or tools that could cause slips or falls? |
| _____ | _____ | _____ | _____ | 13. Are keys removed from the tractor to prevent children or unauthorized persons from starting them? |
| _____ | _____ | _____ | _____ | 14. Do you stay away from ditches, pond banks, steep hills, or other areas where tractors easily roll over? |
| _____ | _____ | _____ | _____ | 15. Do you travel with front end loader buckets low to the ground during transport? |
| _____ | _____ | _____ | _____ | 16. Have all tractor operators on the farm received training on the equipment and reviewed the operator's manual? |

Yes No N/A Date Corrected

- ____ 17. Is mounted equipment always lowered before the operator leaves the tractor?
- ____ 18. Are towed loads hooked to the drawbar and never higher?
- ____ 19. Are clearances from overhead power lines checked when moving or towing loads?
- ____ 20. Is the exhaust system on each tractor in good condition and free of leaks?
- ____ 21. Do you wear hearing protection?
- ____ 22. Do tires have good tread, proper inflation pressure and are free of cuts or other damage?
- ____ 23. Do you back up steep hills and use a low gear going down steep hills?
- ____ 24. Are hydraulics in good condition and leak free?
- ____ 25. Do operators avoid wearing torn, loose or ragged clothing?
- ____ 26. Do lights on the tractor function properly and provide adequate lighting for night operation?
- ____ 27. Are wheels set at the widest practical setting to increase stability?
- ____ 28. Do you always set parking brake or lock transmission in park when dismounting the tractor?

Yes No N/A Date Corrected

PTO Equipment

- ____ 1. Do all PTO's have shields and guards in place?
- ____ 2. Are shields on PTO's checked periodically to ensure that they rotate freely (check with PTO off)?
- ____ 3. Is the PTO always disengaged and the tractor turned off before working on equipment?
- ____ 4. Is clothing close-fitting, long hair put up, jewelry not worn, and no laces or dangling items exposed?
- ____ 5. Do you always avoid stepping over the PTO?
- ____ 6. Are worn or defective PTO parts, like loose universal joints, replaced as soon as possible?

Other Farm Machinery

- ____ 1. Is there a clean, reflective slow moving vehicle sign(SMV) on the rear of the machine?
- ____ 2. Are all warning labels readable and in place?
- ____ 3. Are all shields and guards in place?
- ____ 4. Are hydraulic hoses free of excessive wear and leaks? (Check for leaks with cardboard or a piece of wood to avoid high-pressure oil stream penetrating through skin)
- ____ 5. Are worn or defective parts replaced immediately after they are detected?
- ____ 6. Do tires have sufficient tread, proper air pressure, and are they free of cuts?

Yes No N/A Date Corrected

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|-----|-----|-----|-------|--|
| ___ | ___ | ___ | _____ | 7. Are children and non-working personnel kept away from the machinery during operation? |
| ___ | ___ | ___ | _____ | 8. Is the power always turned off before servicing or adjusting the machine? |
| ___ | ___ | ___ | _____ | 9. Are equipment manuals available and used by the operator? |
| ___ | ___ | ___ | _____ | 10. Are towed machines equipped with safety hitch pins and safety chains? |
| ___ | ___ | ___ | _____ | 11. Do you block movable parts before repair or adjustment (e.g. safety stops on cylinders, wheels chocked, implement pinned in transport position)? |
| ___ | ___ | ___ | _____ | 12. Do you enforce the "NO RIDER" rule on machines? |
| ___ | ___ | ___ | _____ | 13. Are you aware of clearances and overhead wires when moving high equipment? |
| ___ | ___ | ___ | _____ | 14. Do you take hydraulic pressure off of the system before leaving equipment? |
| ___ | ___ | ___ | _____ | 15. Are there fire extinguishers and first aid kits on machinery? |

Handling Facilities

Yes No N/A Date Corrected

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|-----|-----|-----|-------|--|
| ___ | ___ | ___ | _____ | 1. Are children forbidden to play in or around barns, pens, and feedlots? |
| ___ | ___ | ___ | _____ | 2. Are gates and doors always closed after passage? |
| ___ | ___ | ___ | _____ | 3. Are fences sturdy and well maintained? |
| ___ | ___ | ___ | _____ | 4. Do steps and walkways have coarse-textured surfaces to prevent slips and falls? |
| ___ | ___ | ___ | _____ | 5. Are outside ramps, steps, and entries protected from rain or spilled liquids that could freeze? |
| ___ | ___ | ___ | _____ | 6. Is there a phone nearby with current emergency phone numbers posted? |
| ___ | ___ | ___ | _____ | 7. Do buildings have adequate lighting protection? |
| ___ | ___ | ___ | _____ | 8. Are correct size and type fire extinguishers and first aid kits available and checked regularly? |
| ___ | ___ | ___ | _____ | 9. Are you cautious when handling animals with newborn and young? |
| ___ | ___ | ___ | _____ | 10. Do you approach animals slowly and make them aware of your presence? |
| ___ | ___ | ___ | _____ | 11. Do you wear shoes that provide good footing when handling animals? |
| ___ | ___ | ___ | _____ | 12. Do you have quick safety exits from pens in problem areas? |
| ___ | ___ | ___ | _____ | 13. Are vents and fans in good repair? |
| ___ | ___ | ___ | _____ | 14. Are protective shields in place on feed augers, troughs, and equipment? |
| ___ | ___ | ___ | _____ | 15. Are portable heaters in good condition, vented, and placed so they won't cause a fire if tipped? |
| ___ | ___ | ___ | _____ | 16. Are heaters checked every six months for wiring, control, and plumbing defects? |
| ___ | ___ | ___ | _____ | 17. Are manure pits covered with sturdy, well-fitted grates in good condition? |
| ___ | ___ | ___ | _____ | 18. Do you always wear a respirator when entering a manure pit? |
| ___ | ___ | ___ | _____ | 19. Is the manure pit or tank thoroughly ventilated before anyone enters? |
| ___ | ___ | ___ | _____ | 20. Are electrical wiring outlets protected by ground fault circuit interrupters that have been checked? |

Yes No N/A Date Corrected

- ____ 21. Are ventilation fans cleaned and checked every 6 months to maintain proper air exchange?
- ____ 22. Are safety harnesses used when entering manure pits and tanks?
- ____ 23. Are "No Smoking" signs posted in the vicinity of manure storage areas and barns?
- ____ 24. Are lagoons fenced and warning signs posted?
- ____ 25. Are chemicals (fly sprays, medicines, etc.) kept in original containers and stored out of reach of children?
- ____ 26. Do you wear rubber gloves when working with sick animals?
- ____ 27. Do you clean up thoroughly after working with livestock?
- ____ 28. Are all workers trained on how to properly handle livestock?

Pesticide Storage

- ____ 1. Is your storage building secured and locked?
- ____ 2. Is your storage building used for pesticide storage only?
- ____ 3. Is the storage building not within 50 feet to 100 feet of a well?
- ____ 4. Do you always store pesticides in accordance with the label?
- ____ 5. Do you always use pesticides in accordance with the label?
- ____ 6. Do you have an MSDS (Material Safety Data Sheet) for each pesticide stored?
- ____ 7. Is the building kept neat and orderly?
- ____ 8. Is the building vented to the outside?
- ____ 9. Is the building equipped or constructed to contain a pesticide spill (prevent leaks from contaminating area outside building)?
- ____ 10. Do you have spill containment equipment available (flat-faced shovel, containment drums, absorbent material, etc.)?
- ____ 11. Does the building have hazardous warning signs on all entrances?
- ____ 12. Do you store pesticides in their original containers only?
- ____ 13. Do you have a fire extinguisher in or near the building?
- ____ 14. Are pesticides mixed outside or in a well-ventilated area?
- ____ 15. Is there a reliable source of fresh water for flushing eyes or skin contacted by pesticides?
- ____ 16. Do you have a plan for disposing of leftover pesticides and pesticide rinsate?
- ____ 17. Do you have adequate protective equipment (gloves, boots, respirator, goggles, etc.)?
- ____ 18. Is the storage area free of floor drains?

Yes No N/A Date Corrected

- ____ 19. Are pesticides stored in separate containment from fertilizers?
- ____ 20. Do you have a containment pad for mixing, loading, and unloading pesticides?
- ____ 21. Do you have a containment pad for maintenance on sprayers?

Yes No N/A Date Corrected

- ___ ___ ___ _____ 22. Is a phone nearby with current emergency phone numbers posted?
- ___ ___ ___ _____ 23. Is first aid equipment available?

Grain Bins, Silos, Dryers, and Handling Equipment

- ___ ___ ___ _____ 1. Are entrances closed and secured to keep out children and unauthorized persons?
- ___ ___ ___ _____ 2. Are fire extinguishers mounted near grain dryers or storage bins?
- ___ ___ ___ _____ 3. Are propane tanks installed an adequate distance away from drying equipment (25 feet for up to 1000 gallons; 50 feet for 1000 gallons or more)?
- ___ ___ ___ _____ 4. Is gas plumbing protected from vehicles and equipped with quick shut off valves at tank and at dryer?
- ___ ___ ___ _____ 5. Are power lines buried near grain storage where conveyers are frequently moved?
- ___ ___ ___ _____ 6. Are ladder extensions for the first 8-10 feet removed and stored so children and visitors cannot climb up bins, silos, or elevator legs without authorization?
- ___ ___ ___ _____ 7. Are ladders attached securely and in good condition?
- ___ ___ ___ _____ 8. Are there safety cages around ladders on silos, tall bins, and elevator legs?
- ___ ___ ___ _____ 9. Are warning signs posted on bins, wagons, trucks, and silos to warn of flowing grain hazards and possible oxygen deficiency?
- ___ ___ ___ _____ 10. Do you wear a safety harness and rope and have 2 other people observe when you check in grain bins?
- ___ ___ ___ _____ 11. Do you never allow children to play in grain bins or wagons where grain flow is possible?
- ___ ___ ___ _____ 12. Are all shields and guards in place on unloading equipment?
- ___ ___ ___ _____ 13. Do you use a self-contained breathing apparatus when entering an oxygen deficient atmosphere in a silo?
- ___ ___ ___ _____ 14. Do you use dust respirators in atmospheres containing grain dust?
- ___ ___ ___ _____ 15. Are your silos and bins free of cracks, corrosion, and structural problems?
- ___ ___ ___ _____ 16. Do you lock out and tag all electrical motors and controls before entering grain bins?
- ___ ___ ___ _____ 17. Do you lock out power so unloading equipment will not be started by accident?
- ___ ___ ___ _____ 18. Is electrical equipment protected from animals or other abuse that could cause shorting?
- ___ ___ ___ _____ 19. Do structures have adequate lighting protection?
- ___ ___ ___ _____ 20. Are electrical controls protected by ground fault circuit interrupters (GFCI's)?

Farm Ponds and Lagoons

- ___ ___ ___ _____ 1. Are ponds and lagoons fenced off and marked as restricted areas?
- ___ ___ ___ _____ 2. Do you supervise all swimming and fishing in ponds?

Yes No N/A Date Corrected

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|-------|----|--|
| _____ | 3. | Does your entire family know how to swim? |
| _____ | 4. | Do you have an easily seen and accessible life rope near the water that will reach across the pond? |
| _____ | 5. | Are current emergency numbers posted on a sign by the pond with current directions to the nearest phone? |
| _____ | 6. | Do you avoid swimming in ponds with foul odor, cloudy water, or possible pesticide contamination? |
| _____ | 7. | Do you fill in old wells or maintain good covers? |
| _____ | 8. | Do people who ride in boats wear life vests or flotation devices? |

Home Safety

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|-------|-----|---|
| _____ | 1. | Are smoke detectors installed in appropriate locations and working properly? |
| _____ | 2. | Are all firearms safely secured and stored unloaded? |
| _____ | 3. | Are electrical circuits protected by ground fault circuit interrupters (GFCI's), especially in bathrooms? |
| _____ | 4. | Are current emergency phone numbers posted by the phone? |
| _____ | 5. | Are stairways clear of all hazards and handrails in good condition? |
| _____ | 6. | Do you use non-skid mats or surfaces in bathtubs? |
| _____ | 7. | Are all medicines disposed of upon expiration? |
| _____ | 8. | Do you keep electrical appliances away from sinks and bath tubs? |
| _____ | 9. | Are all electrical cords in good repair? |
| _____ | 10. | Are household cleaners, disinfectants, etc., stored up and away from children and foods? |
| _____ | 11. | Are handles of pots and pans turned away from the stove front? |
| _____ | 12. | Are cracked and chipped dishes disposed of immediately? |
| _____ | 13. | Do you have a fire extinguisher in the kitchen or near other heating appliances? |
| _____ | 14. | Are matches and lighters kept away from children? |
| _____ | 15. | Do you have a fire escape plan and has it been practiced with your family? |
| _____ | 16. | Is a flashlight located in an easy to find area for power outages? |
| _____ | 17. | Are fuse box circuits marked clearly and correctly? |
| _____ | 18. | Do you avoid storing flammable liquid in the house? |
| _____ | 19. | Do you avoid storing pesticides or chemicals in the house? |

Garage and Yard Safety

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|-------|----|--|
| _____ | 1. | Do you clear the lawn of branches, rocks, toys, tools, and other debris before mowing? |
| _____ | 2. | Do you wear heavy shoes while mowing? |
| _____ | 3. | Do you never leave a running mower unattended? |
| _____ | 4. | Does the lawn mower have safety shields? |

Yes No N/A Date Corrected

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|-----|-----|-----|-------|---|
| ___ | ___ | ___ | _____ | 5. Do you keep everyone away from the area while you are mowing? |
| ___ | ___ | ___ | _____ | 6. Do you disconnect the spark plug before tipping mower up and working under the deck? |
| ___ | ___ | ___ | _____ | 7. Do you work across slopes with a push mower? |
| ___ | ___ | ___ | _____ | 8. Do you work up and down slopes with a riding mower? |
| ___ | ___ | ___ | _____ | 9. Is gasoline stored in an appropriate container? |
| ___ | ___ | ___ | _____ | 10. Do you wear hearing protection while mowing? |
| ___ | ___ | ___ | _____ | 11. Do you never pull a push mower toward you? |
| ___ | ___ | ___ | _____ | 12. Do you wear eye protection when mowing and working with power tools? |
| ___ | ___ | ___ | _____ | 13. Do you use power tools in well-lit areas? |
| ___ | ___ | ___ | _____ | 14. Do you make sure ladders are secured at the base before using? |
| ___ | ___ | ___ | _____ | 15. Do you avoid using the top two rungs on a ladder? |

Note: This checklist is not designed to supersede existing safety inspection checklists, rather it should be used only as a general guideline. You are encouraged to customize this general guideline to accommodate your specific accident prevention plan.