

**PORTABLE GRAIN AUGER**

**DO NOT use this machine unless a teacher has instructed you in its safe use and operation and has given permission.**

    

### **Never wear loose clothing, jewellery, or have long hair untied while operating a grain auger.**

### **PRE-OPERATIONAL SAFETY CHECKS**

1. **Check that all guards are in place, properly secured, and functional. The guard surrounding the auger intake is critically important.**
2. **Replace all safety signs that are worn, missing, or illegible.**
3. **Inspect winch and cable (or other lifting system) for condition, security, and operation.**
4. **If tractor operated ensure the grain auger is attached according to manufacturer’s specification and confirm that PTO and all driveline components are in good condition and properly guarded.**
5. **Faulty equipment must not be used. Report suspect machinery immediately.**

#### OPERATIONAL SAFETY CHECKS

1. **Lower the auger to a horizontal position and lock before moving from location to another.**
2. **Allow no passengers on tractor or grain auger when transporting.**
3. **When transporting ensure the entire area above the auger and in the line of travel is clear of obstructions and electrical wires.**
4. **Slowly move the auger into working position on dry, level ground with the towing vehicle. Chock the wheels.**
5. **Securely support the auger by anchoring the intake end, and/or supporting at the discharge end.**
6. **Do not elevate an auger beyond its safe limits as it may become top-heavy when it is set up too high.**
7. **Only persons authorized to operate the auger should be in the work area.**
8. **Keep clear of moving machine parts. Do not assist the grain to flow into the auger with a hand or foot.**
9. **Ensure good footing is maintained while working around augers. Keep the work area and machine clean and free of clutter.**
10. **Motors must be shut down on any piece of equipment that is being refuelled (where self-powered).**
11. **If a piece of equipment becomes clogged or jammed, never attempt to clean out the blockage until the machine is shut off and all moving parts come to a complete stop and the power source is isolated.**

#### HOUSEKEEPING

1. **Keep machine parts clean and free of accumulation of crop material, dirt or debris.**
2. **Keep the work area and implement shed in a clean and tidy condition.**

## POTENTIAL HAZARDS

**◼ Contact with or entanglement in the exposed screw at the intake**

**◼ Entanglement in a belt drive**

**◼ Being stuck by an uncontrolled spinning crank that is used to raise or lower the auger**

**◼ Entanglement in a PTO drive shaft (where tractor operated)**

**This SOP should be used in conjunction with Curriculum Activity Risk Management Modules**

***Acknowledgement****: Much of the information for this document has been sourced from content kindly provided by Department for Education SA website.*

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| **Date of last review** | **\_\_\_\_\_\_/\_\_\_\_\_\_/\_\_\_\_\_\_** | **Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |