

# Irrigation

## AgSafe Safe Work Procedure

### PERSONAL PROTECTIVE EQUIPMENT

1. Eye Protection and Gloves, where necessary
2. Suitable Footwear, Sunscreen, Hat, Sunglasses

### GENERAL

1. When turning on water, **NEVER** lean over the hydrant or straddle the pipe. If necessary, use a torque bar to loosen hydrant.
2. Prior to performing any maintenance or adjusting brake/stop (on traveling gun), always shut the water off first.
3. Use caution when working around hose reels and watch for moving parts.
4. Use caution when moving wheel lines, remember the motor can be hot and there are moving parts that can catch clothing and appendages.
5. NEVER ride on wheel line movers.

### PRE-USE INSPECTION

1. Inspect irrigation valves and valve openers for worn or broken parts.
2. Prior to moving hand lines visually scan sprinklers prior to shutting off water for malfunctions.
3. Make sure valve opener clamps are fully engaged.
4. Make sure all people are clear of valves and end of irrigation lines when turning on pump until system pressure is stabilized.
5. Read, understand and obey safety rules and operating procedures on all equipment, such as wheel line movers, before operating.

## MAINTENANCE AND OTHER

1. Disconnect electric power before servicing a machine by personally shutting off and locking the master control. Also make sure that everyone is clear of the machine before it is turned back on.
2. Make sure system design control pressure does not exceed pressure ratings for each part and component.
3. Release pressure from system before releasing clamp.
4. Stay away from equipment during an electrical storm.
5. Keep all guards and shields in place, especially those covering power-take-off units.
6. Ensure the path of traveling guns and wheel lines are always clear.
7. Assess surrounding hazards prior to moving irrigation equipment, including buildings, power lines, poles, wires, etc.
8. Stay out of the way of high-pressure water systems, such as end guns.
9. If fuses or circuit breakers keep blowing, don't "correct" by over-fusing. Find the cause.
10. Periodically check the system for any loose or missing bolts, which could cause collapse of the equipment.

Please use the following **Safe Work Procedures** as a guideline to building your own safe work procedures.