



Grain Dryer Pre-Season Maintenance Checklist

1. Inspect all fuel lines and hoses for leaks and damage. Fix leaks and replace damaged or cracked hoses. Inspect LP-Gas vaporizer for leaks and repair or replace. Check for leaks using soap and water.
2. Check fan for tightness on shaft and for cracks in the metal, especially at welds. If there are cracks, fan should be replaced. If fan has excessive vibrations at operating speeds, it should be replaced.
3. Clean air tubes, and make sure the air switch contacts are making and breaking properly. Do not use air pressure to clean air switch as excessive air pressure may rupture diaphragm.
4. Clean ports on ring burners using a 5/64" drill bit on LP Models, and a 7/64" drill bit on Natural Gas Models.
5. Check wiring for damage and loose connections. Inspect and clean spark plug. Check timers, relays and coils. Repair or replace as needed. On Micro-Pro Units check the motion sensors for proper adjustment. (Refer to operator's manual).
6. Inspect all bearings, belts and pulleys for wear and alignment. Check agitator rollers for wear and adjustment. (Refer to operator's manual for proper adjustments. Replace as needed.
7. Check augers for wear of outer edges of flighting. Replace when edges wear thin and begin to reduce in diameter.
8. Inspect grain column perforated sheets for rust. Clean and paint or replace as needed. This will help prevent blockage and aid in the circulation of the grain.
9. **MAKE SURE SAFETY GUARDS AND SHIELDS ARE IN PLACE. MAKE SURE SAFETY DECALS AND INSTRUCTIONS ARE AVAILABLE.**
10. Make sure all fire safety equipment is in place and serviceable.
11. Before filling dryer with grain, test fire (2 or 3) times to check the proper operation of the system.