

9. MAINTENANCE

WARNING: Turn off the fan and lock out power supply before performing maintenance.

9.1 FAN BLADES CLEANING INSTRUCTION (ANNUALLY):

- Dirt and dust may be removed from the blades by using a cloth or soft non-metallic brush.
- Stubborn stains may be removed with a cloth dampened with a mild detergent solution. Do not use strong solvents, such as thinner, benzene, or abrasive cleansers, since these may damage the appearance of the fan foils. Do not use Clorox® or other chlorine based cleaners, this could result in the release of toxic/fatal fumes.

9.2 FAN MOUNTING (ANNUALLY):

- Re-torque all fasteners [1/2-13 Grade 8 (98 ft-lbs)], [5/16-18 Grade 8 (29 ft-lbs)].
- Check the fan, including mount supports for bolts and nuts to make sure they are tight and show no wear and tear.

9.3 GEAR REDUCER:

- Check for oil leaks.
- No maintenance required. The gear reducer is lubricated for life.

9.4 MOTOR (ANNUALLY):

- Inspect 7mm lugs inside motor junction box and tighten if necessary.
- Using compressed air at 90~100 psi, blow all dust and debris off of the outside of the motor housing.

9.5 FAN CONTROLLER (EVERY SIX MONTHS):

- Perform “Tug Test” on all electrical terminations inside the controller, tighten any loose connections.
- Using compressed air at 90~100 psi, blow all loose debris and dust out of controller interior. For heavier dust and dirt deposits, use a rag and a mild cleaning agent such as Formula 409® to clean the interior and exterior of the controller.

WARNING:

When cleaning or attempting to re-torque you must unplug or disconnect the fan and controller from the power supply. Risk of fire, electrical shock, or injury to persons who do not comply.

WARNING:

To reduce the risk of personal injury do not insert foreign objects in between rotating fan blades in an attempt to clean.