

# Legionella Risk Management

## Dairy Farm Cooling Tower System Maintenance Schedule

This maintenance schedule applies only to cooling tower systems that comply with the variation issued by the Department of Human Services under Regulation 24 of the Health (*Legionella*) Regulations 2001 dated 31 May 2001 and 14 August 2001. (See the *Legionella* Risk Management project website for details of approved variations—[www.legionella.vic.gov.au](http://www.legionella.vic.gov.au))

<p><b>JANUARY</b></p> <p>Check: Daily</p> <p>Inspect: _____</p>	<p><b>APRIL</b></p> <p>Check: Daily</p> <p>Disinfect: _____</p> <p>Inspect: _____</p>	<p><b>JULY</b></p> <p>Check: Daily</p> <p>Inspect: _____</p>	<p><b>OCTOBER</b></p> <p>Check: Daily</p> <p>Inspect: _____</p>
<p><b>FEBRUARY</b></p> <p>Check: Daily</p> <p>Clean: _____</p> <p>Disinfect: _____</p> <p>Inspect: _____</p>	<p><b>MAY</b></p> <p>Check: Daily</p> <p>Inspect: _____</p> <p>Review: _____</p>	<p><b>AUGUST</b></p> <p>Check: Daily</p> <p>Clean: _____</p> <p>Disinfect: _____</p> <p>Inspect: _____</p>	<p><b>NOVEMBER</b></p> <p>Check: Daily</p> <p>Inspect: _____</p>
<p><b>MARCH</b></p> <p>Check: Daily</p> <p>Disinfect: _____</p> <p>Inspect: _____</p>	<p><b>JUNE</b></p> <p>Check: Daily</p> <p>Inspect: _____</p>	<p><b>SEPTEMBER</b></p> <p>Check: Daily</p> <p>Inspect: _____</p>	<p><b>DECEMBER</b></p> <p>Check: Daily</p> <p>Inspect: _____</p>

**Record all activities (except daily) and review annually**

### Check

Before AM milking: is the tower running?  
After milking: observe milk temperature.  
If higher than usual then inspect.

### Inspect

Is the tower system operating correctly?  
Are all screens, hatches and inspection covers in place?  
Is the system intact and clean?  
Measure stored water temperature after PM milking.

### Clean

Think safe: wear protective gear.  
Isolate electrical equipment.  
Inspect, clean, replace drift eliminators.  
Clean shell, fill and sump – flushing debris to waste. Avoid damage to tower.  
Restore tower to operational state.

### Disinfect

Add a chlorine-based disinfectant such that there is still chlorine in the water 12 hours after dosing.

Disinfectant volume: \_\_\_\_\_