

# Legionella Risk Assessment

Sample water hygiene risk assessment template — Plumbing / Water Systems

Site / Building: \_\_\_\_\_ Assessment Date: \_\_\_\_\_

Assessed by: \_\_\_\_\_ Next Review Date: \_\_\_\_\_

## 1. System Description

[Describe the water systems covered — cold water storage tanks, hot water calorifiers, cooling towers, showers, and any low-usage outlets.]

## 2. Water System Schematic Reference

[Reference the as-built drawing number or attach a schematic showing tanks, risers, and outlet points.]

## 3. Risk Factors Assessed

| Risk Factor                                         | Present (Y/N) | Details / Remarks |
|-----------------------------------------------------|---------------|-------------------|
| Water temperature outside 20–50°C range             |               |                   |
| Stored or recirculated water                        |               |                   |
| Presence of sediment, scale or biofilm              |               |                   |
| Little-used outlets / dead legs                     |               |                   |
| Spray-generating outlets (showers, taps)            |               |                   |
| Vulnerable occupants nearby (hospitals, care homes) |               |                   |

## 4. Temperature Monitoring Points

| Location                       | Target Temp    | Recorded Temp | Date | Pass/Fail |
|--------------------------------|----------------|---------------|------|-----------|
| Cold water storage tank        | <20°C          |               |      |           |
| Calorifier flow                | >60°C          |               |      |           |
| Calorifier return              | >50°C          |               |      |           |
| Sentinel outlet (furthest tap) | >50°C in 1 min |               |      |           |

## 5. Overall Risk Rating

[State overall risk level: Low / Medium / High, with brief justification based on findings above.]

## 6. Recommended Actions

| Action | Priority | Responsible | Target Date |
|--------|----------|-------------|-------------|
|        |          |             |             |
|        |          |             |             |

**Sign-off**

| Role                     | Name | Signature | Date |
|--------------------------|------|-----------|------|
| Assessed by              |      |           |      |
| Reviewed by (FM Manager) |      |           |      |