

## Legionella Risk Assessment

### Hampton in Arden Tennis Club

Updated (1<sup>st</sup> December 2023)

The Tennis club has use of a club house that includes a kitchen, changing and bar facilities. We are required by the LTA to do a Legionella Risk Assessment. Legionella is a bacteria that can cause a serious type of pneumonia (lung infection) called Legionnaires' disease. Legionnaires' disease is potentially fatal and everyone is susceptible to infection. For more information please visit:

<https://www.hse.gov.uk/legionnaires/what-is.htm>

Quoting from the above website:

***“The bacterium Legionella pneumophila and related bacteria are common in natural water sources such as rivers, lakes and reservoirs, but usually in low numbers. They may also be found in purpose-built water systems such as cooling towers, evaporative condensers, hot and cold water systems and spa pools.***

***If conditions are favourable, the bacteria may grow increasing the risks of Legionnaires' disease and it is therefore important to control the risks by introducing appropriate measures outlined in Legionnaires' disease - The Control of Legionella bacteria in water systems (L8).”***

The document mentioned above can be found here:

<https://www.hse.gov.uk/pubns/priced/l8.pdf>

The club house uses a hot and cold water system. This means legionella is a risk. We have identified the following which reduce this risk.

- The club house water system does not include water storage. Water going to the showers taps and toilets comes directly from the mains supply and so does not stand for any lengthy period of time that would allow bacteria to grow.
- There are no dead leg pipes in the building. A 'Dead leg' is a pipe leading to an outlet through which water flows but the outlet is unused/rarely used.

### Water Temperature Measurement

Bacteria can be encouraged to multiply if water temperatures coming from showers and taps are between 20-45 degrees Celsius. Bacteria will not grow in very cold or very hot conditions.

We will monitor the temperature of hot and cold water in the building. The results will be recorded below in degrees Celsius.

Date	Hot Water Temperature	Cold Water Temperature

