



**WATER**  
Testing Supplies Ltd

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Unit 1 Low Mill Lane Industrial Estate  
Ravensthorpe  
West Yorkshire  
WF13 3LN

Find us on...    



## Why Sample?

Microbiological samples of water systems are taken to determine the presence or absence of *Legionella*. They specifically culture *Legionella* and are highly accurate and specific. However, there are many things that can affect the resolution of detection and these should be taken into account when sampling. Although up to 4 sample points can be taken in 1 bottle we do not recommend this as it reduces the level of detection from 20cfu/L. It also means that any positive *Legionella* sample cannot be isolated to a single area resulting in potential delay in remedial work and increased sampling costs.

## Sample Bottles

Bottles are provided as part of the test kit and an appropriate number of sample bottles will be provided for the number of samples ordered. These are pre labelled with a unique identifier number so you only need to add the site name, exact location of the sample and the date the sample was taken. Bottles should be kept in a clean, cool place prior to use. Sample Bottles are sterile so must not be opened other than to take the sample. If you have any doubts over the cleanliness of the bottle do not use it and contact Water Testing Supplies Limited for a replacement.

*N.B. The sample bottles may appear to have small amounts of liquid or white crystals in them. This is perfectly normal as they contain traces of chemical to remove the chlorine from the water samples. Do not rinse the bottle!*

## Results

Samples are delivered directly to our subcontracted **UKAS accredited laboratory** for testing and results are e-mailed to Water Testing Supplies Limited on completion; normally around 5 days after the samples were sent to the laboratory.

Results are then checked by our microbiologist and certification and recommendation are e-mailed direct to the client, completing the order.

## When to take your sample

Try to take the **sample late in the day** prior to the last post. Ensure the sample is posted on the same day as sampling. Do not sample on a weekend and ideally sample Monday – Thursday.

*N.B. Whilst Water Testing Supplies Limited will replace sample kits that do not arrive at the laboratory we accept no responsibility for circumstantial loss due to the missing samples.*

## Cold Water Storage Tanks

### Where to take your sample from...

The main body of a well-used cold water storage tank is unlikely to contain high numbers of *Legionella* as bacteria will continually be flushed down the pipe work by water refilling the tank. It is therefore important to take the sample in such a way as to maximise the chances of obtaining *Legionella* should it be present.

As such it is recommended that the sample is taken from the inside of the tank and the top of the bottle should scrape the side of the tank below the water line in order to capture any biofilm present on the sides of the tank.

*If you have any doubts about how to sample contact Water Testing Supplies Limited for advice.*

### How to sample...



As you will be touching the water within the tank please ensure that you have washed your hands & lower arm with antibacterial soap & fresh water. Dry them on a clean paper towel.



Do not open the bottle until you are ready to take the sample. Be careful to keep hold of the lid so you do not touch the inside.



Do not touch the top or inside of the sample bottle with anything including the outlet or fingers as this may contaminate the sample.



Take care when opening tank to ensure surrounding area free of dust/debris that could fall into tank, also when removing lid do not allow dust/dirt to fall into tank.



With clean hands dip the bottle into the open tank & whilst the bottle is filling underwater draw the open neck of the bottle upwards against the side of the tank under the water line. You may do this more than once until bottle is full.



Replace the lid securely immediately after taking the sample.



Clearly mark the label with location, sampling point and date. Make a note of the unique number on each sample bottle used (WTST...)



Samples should be posted securely either in a post box or preferably by taking them to a post office to obtain proof of postage.\*

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# Log Books

*Legionella* management is essential for all businesses and we provide a wide range of solutions to enable you to effectively manage *Legionella* in line with ACOP L8 (Control of *Legionella* bacteria in water systems) in house. There is no requirement to pay water hygiene companies thousands of pounds per year to manage your *Legionella*! There are cases where businesses have a *Legionella* Management Plan in place and are following it but then can not prove it as their record keeping is inadequate. Our log books are a source of information and allow you to keep all your records in one place.

Log Book



£45.00

Log Book



£54.00

Basic Kit



£140.00

Premier Kit

# Thermometers

Water temperature monitoring is key to controlling the potential for *Legionella* growth. Sentinel hot and cold water temperatures, calorifer flow and return temperatures and the supply temperatures to TMV's along with a representative number of outlet temperatures should be taken and recorded on a regular basis.

We stock a wide range of thermometers to allow the accurate and easy checking of all relevant temperatures allowing you to stay compliant with current legislation.

## Saf-T-Log Thermometer

Saf-T-Log paperless temperature recording displays date, time & user name with each reading automatically archives data & creates reports PASS/FAIL & corrective actions displayed holds up to 7 checklists



£169.00

## Digital Thermometer

Our TPI 319 Pocket Digital Thermometer is easy and fast to use. It can be used for both surface and water temperature monitoring without needing to change the probe. It is compact, reliable and is IP63 rated (waterproof)



£17.50

## Legionella Thermometer Kit

Legionella Thermometer Kit, can be used to monitor temperature of both standing water & the surface of pipes & tanks that form part of the water system.



£145.00

CALL US ON 01924 578048

## Hot Water Cylinders/Hot Water Systems



### Where to take your sample from...

Ideally the sample should be taken from the drain valve at the bottom of the water cylinder. However, when a drain valve is not available it is acceptable to take a sample from the nearest unblended hot tap (do not use water from a tap fitted with a mixer or thermostatic valve as this may introduce water from the cold system)

When taking from a drain valve ensure that you are obtaining hot water from the water heater and not the supply water as drain valves are often located on the supply pipework.



## Cold Water Systems



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*If you have any doubts about how to sample contact Water Testing Supplies Limited for advice.*



## How to sample...



Do not open the bottle until you are ready to take the sample. Be careful to keep hold of the lid whilst not touching the inside.



Do not touch the top or inside of the sample bottle with anything including the outlet or fingers as this may contaminate the sample.



Open the drain valve or tap and allow it to flush briefly (about 5 secs or until hot water is present) before placing the bottle in the water stream. Fill the bottle to the top but try to avoid overflowing.



Replace the lid securely immediately after taking the sample.



Clearly mark the label with location, sampling point and date. Make a note of the unique number on each sample bottle used (WTST...)



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 **FREE DELIVERY  
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