

Microbiological testing

Cooling Tower re-circulating waters – Total Viable Counts at 30C and provision of dip slides for site use to ensure compliance with the HSE ACOP L8 for Legionella Control.

Potable Waters – extensive range of organic, inorganic and microbiological parameters to ensure compliance with the Drinking Water Inspectorate.

Our Bacteriological Screening covers:

- Legionella sampling in accordance with BS5792. Identification of species and sero-group were possible.
- TVC, Coliforms, yeast and moulds
- Swimming Pool analysis
- Potable and process waters
- Cooling systems
- Vending machine analysis of supply and outlet pipe work
- Closed systems including Pseudomonas, nitrite, sulphate reducing bacteria and many more!
- Air quality monitoring.

We are able to offer analysis from all parts of the water cycle. Standards for Drinking Water. The Water Supply Regulations 1989 list 56 parameters and prescribe a minimum and maximum concentration which must not be exceeded. We are able to sample for any such prescribed parameter

Drinks vending machines and sampling for bacteriological analysis. There is a published Code of Practice on Hygiene and Water Supply for Drinks Vending Machines sampling. We would therefore recommend that samples are taken from the supply to and from drinks vending machines. Standards recommended to its members by the Automatic Vending Association of Britain include the following:

- E. coli and Pseudomonas aeruginosa shall not be present in any 100 ml sample of water dispensed by the machine.
- Presumptive Coliforms organisms should not be present if they are found in the water supply to the machine this should be investigated further.
- the total viable (colony) counts shall be less than 100 colony forming units per ml at 22oC and 10 colony forming units per ml at 37oC in water dispensed by the vending machine, and normally not more than ten times greater than the number in the supply water entering the machine (not flushed to waste).

We can offer advice on sampling and hygiene regimes for any situation.