

## Legionella Testing

MA Solutions has developed strong and long term business relationships with a number of the UK's leading environmental testing facilities. This allows us to offer a comprehensive range of expert analytical services including environmental analysis, sampling and monitoring throughout the United Kingdom.

We can offer a nationwide container delivery and collection service with refrigerated same day sample collection if required.

This is in addition to our normal contracted analysis and sampling by our service engineers when undertaking routine site visits.

All facilities used are accredited by UKAS to 17025:2005, a global standard for laboratories

### Legionella analysis and enumeration

Our routine standard testing procedure involves analysis of 1000mls of sample utilising the culture method based on ISO 11731:1998. Results are expressed in colony forming units per litre for *Legionella pneumophila* and *Legionella* spp.

Samples are examined at 3, 7 and 10 days for the presence of *Legionella* bacteria.

The presence of *Legionella* bacteria are notified to customers immediately with advice on any remedial action that is required and to ensure and confirm legislative compliance

We are also able to offer the NEW RAPID DETECTION METHOD based on polymerase chain reaction technology (PCR)

The PCR method indicates the number of viable *Legionella* bacteria in a sample by quantifying the level of target DNA. Results can be notified within 24 hours of sample receipt and are expressed in genomic units per sample.

This allows a very rapid same day turnaround which is vital in investigations of outbreaks which may be in the vicinity of our customer's premises and could have disastrous economic effect on the business.