

# The role of accreditation in ensuring sampling quality

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Accreditation has proved effective in ensuring the quality of analytical measurements but is

this way, the certificate is valid for a fixed period (typically 2 to 5 years) after which the sampler would need to re-certify. The duration of the certification is fixed by considering many factors such as regulatory requirements, changes to the relevant standards, changes in the industry, risks resulting from sampling by an incompetent person, and ongoing changes in technology.

Examples of the use of ISO/IEC 17024 for sampling in the UK include the MCERTS stacks scheme<sup>4</sup> and the DWI Private Drinking Water sampling scheme (currently in development).

standard-for-manual-stack-emission-monitoring.

5 AMC Technical Brief, Proficiency testing of sampling, No. 78, *Atmospheric Monitoring*, 2017, 9, 4110–4111, DOI: 10.1039/c7ay90092a.

6 *EUROLAB/CI AC/No test/*

*AMC Guide: Measurement certainty*

*is available for free to published/6*

*et os, ed. M. H.*

Ramsey, S. L. R. Ellison and P. Rostron, Eurachem, 2nd edn, 2019, ISBN (978-0-948926-35-8), available from <http://www.eurachem.org>.

7 ILAC-G19:08/2014, Modules in a