

Eurofins | Environment Testing EnviroNote 1108 – October 2020

Brisbane Centre of Excellence Laboratory for Emissions from Stationary Sources

Our Brisbane centre of excellence laboratory for emissions from stationary sources has just been granted NATA accreditation for polycyclic aromatic hydrocarbons (PAHs) in emission and ambient air samples to complement its polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and dioxin-like polychlorinated biphenyls (DL-PCBs) capability.

(metro & Country), Tasmania, NSW & SA. All air sampling equipment is owned, maintained and calibrated by Eurofins | Environment Testing.



We are able to pre-spike cartridges with isotopically labelled analogues in accordance with US EPA and CARB methodologies prior to sampling and then analyse to meet the strict requirements of Australia's National Pollutant Inventory (NPI) targets. The NPI is an internet database that provides the community, industry and government with free information about the emissions of 93 substances in Australia. The NPI is implemented cooperatively by the Federal Government, and state and territory governments.



Additionally, our Brisbane Air Toxics laboratory provides comprehensive analytical solutions for Vapour Intrusion (VI) investigations. To meet the sampling and analytical challenges posed by VI investigations, we have conducted numerous studies to assist the regulatory community and VI practitioners in determining best practices for the field and lab. We routinely provide analysis for high concentration soil vapour samples while maintaining specialised equipment and methods to meet the challenging low reporting limits required for indoor air measurements. Our analytical offerings include methods for VOCs, SVOCs, and atmospheric gases, either as full screens or individual analytes. Capabilities also include alternative methods based on passive sorbent technology such as US EPA 325 which provides time-integrated VOC measurements to support fence-line monitoring at refineries as well as other ambient monitoring applications.



National Environment Protection (National Pollutant Inventory) Measure 1998

Eurofins Field Services Team are NATA accredited for the sampling & analysis of stack emission discharges including dioxins and PAHs. Our field staff are trained in all aspects of stack emission techniques and on-site safety. All staff carry EWP (Elevated Work Platform) licences and we routinely undertake work in Victoria

Eurofins is your competent partner for the analysis of these contaminants in almost every matrix and offers a quick, reliable service – no matter which product might be concerned, please contact us! If you would like to discuss logistical details for your upcoming projects then please contact your local Analytical Service Manager or one of our Business Development team listed below.

Technical support for all Stack Emission Monitoring projects can be provided by contacting Dr. Bob Symons or Peter Richardson.

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