

Air Test Report –

Guide to what you would receive from a Riverside Air Test Report

Air testing is carried out for a variety of reasons from sick building syndrome to workplace exposure monitoring, what remains the same in each situation is the need for appropriate testing and coherent, understandable reporting.

To achieve this we ensure that our reports contain all the information you need sectioned into simple headings. This gives you the benefit of full disclosure of our test results, without them clouding the recommendations and conclusions in the report.

Our air test reports are written with a full index, so that you can go straight to the information you need.

Although the index will differ depending on the reason for the analysis, the same basic criteria will remain:

- Site details
- Executive Summary
- Description of works carried out
- Results
- Conclusions
- Appendices

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Table 1 – Total Inhalable Nuisance Dust
Suggested Limit of Control = 10 mg/m³ 8 Hour TWA

Name	Operation	Start flow mls/min	Final flow mls/min	Average flow mls/min	Time mins	Volume (l)	Corrected mass	Concentration mg/m ³ Over test	Calc 8hr TWA mg/m ³
Vilius Gudirgis	E Block Brickwork Student	2002	2036	2019	404	816	1,300	1.6	1.6
Robert Walker	E Block Brickwork - Instructor	2001	2009	2005	402	806	2,400	3.0	3.0
Gary Crawley	E Block Plastering - Instructor	2000	2036	2018	401	809	910	1.1	1.1
Static 1	E Block Plastering	Sample tampered with							
Junior Thompson	J Block Plastering - Instructor	2003	1980	1992	389	775	800	1.1	1.1
James Borg	J Block Plastering - Student	2002	2026	2014	155	312	21,000	67	67
Static 4	Ron Cook's Office	2001	2018	2010	342	687	<50	<0.07	-

Concentration mg/m³ is taken to be representative of the 8 hour TWA
8 hour TWA cannot be assigned to static samples

Section 4: Description of Work & Exposure Limits

The sampling was undertaken in accordance with HSG 173 "Monitoring Strategies for Toxic Substances" and validated methodology.

The Health and Safety Executive (HSE) in their guidance note EH40 ("Workplace Exposure Limits"), updated October 2007, gives the following workplace exposure limits for the substances addressed during this survey:

Substance	Workplace Exposure Limit (8 hr TWA) mg/m ³	Workplace Exposure Limit (15min TWA) mg/m ³	Comments
Hardwood dust	5.0		Carc, Sen
Softwood dust	5.0		Sen

Sen Capable of causing occupational asthma
Carc Capable of causing cancer and/or heritable genetic damage (see EH40 for further details)

The HSE document EH40 2005 "Workplace Exposure Limits" updated 2007, suggested concentration of adequate control of total inhalable nuisance dust (a general dust which does not have known irreversible health effects) is 10 mg/m³ averaged over an eight hour time period (8 hour TWA). The suggested concentration of adequate control of respirable dust is 4 mg/m³. Reference page 31 of EH40 2005 updated 2007.

We will include the results of the analysis carried out along with the relevant work place exposure limits so you can see your analysis results in context and understand the reasons behind any recommendations made.

If you would like to discuss your Legionella control requirements with us, please [click here](#) to be taken to our contact page.

Riverside Environmental Services Ltd provides high quality exposure assessment and monitoring services nationwide. Including; Asbestos, Legionella, COSHH, Air Testing, Occupational Health, Noise and Vibration. See our [full list of services](#) for details.