



## WORKPLACE ENVIRONMENT

The workplace, especially refurbishment and demolition works, can present a major risk to health from both biological and chemical hazards, resulting in some circumstances in exposure to **carcinogens & mutagens**. It is important to ensure all hazards have been identified and managed before and during planned works.

Our experienced and technically qualified surveyors, site technologists and consultants, offer a full range of on site monitoring and consultancy services including: Hazardous Materials Surveys, Occupational Hygiene Surveys, Workplace Inhalation and Exposure Assessments.

- **Hazardous Materials Surveys.** Identification & Quantification, including:
  - \* Sampling paint coatings for **Lead & Chromium** content
  - \* Bulk sampling for **Asbestos Containing Materials (ACMs)**
  - \* Sampling of horsehair plaster for potential **Anthrax** spore contamination
  - \* Identification of **Poly Chlorinated Biphenyls (PCBs)** hazards
  - \* Identification of **Biological Hazards** including pigeon faeces, hypodermic needles, glass sharps, rodent activity etc
- **Control of Substances Hazardous to Health Regulations 2002 (COSHH) as amended.**  
4-RAIL Services can assist clients in complying with the requirements of COSHH by:
  - \* **Initial Workplace Appraisals & Basic Workplace Assessment** surveys in accordance with HSG 173
  - \* **Monitoring workplace exposure** against HSE Workplace Exposure Limits (WELs, EH40)
    - Airborne **Dust** levels (Respirable and Total Inhalable)
    - Airborne **Silica**, released during building works / demolition
    - Airborne Microbiological Organisms** e.g. yeasts and moulds
    - Fumes** generated during welding & soldering activities etc.
    - Organic solvents** e.g. isocyanates & VOC's, when using hazardous substances such as polyurethane foam, paints, cleaning agents, setting resins etc.
    - Toxic and flammable gases** ... and many other similar hazards!
  - \* **COSHH assessments** of hazardous substances used within client specific workplace processes
- **Water Testing** Sampling and Assessments for Legionella Bacteria in line with Reg.6 COSHH.
- **Noise Assessment** Occupational Noise monitoring in line with the Control of Noise at Work Regulations 2005
- **And many, many more similar services**

To discuss your particular requirements regarding these or other complementary services, contact us by emailing [enquiries@4-rail.com](mailto:enquiries@4-rail.com) or call us on 020 8955 1700

4-RAIL Services Limited is a recognised and leading  
UK Environmental and Materials Consultancy

Unit 11 Ironbridge Close, Great Central Way, London NW10 0UF  
Telephone: 020 8955 1700 Facsimile: 020 8830 1003  
[www.4-rail.com](http://www.4-rail.com)

