

## Sample Records

### Journal

**Title** Strategy to assess exposure of laboratory personnel to select OSHA-regulated chemicals at Massachusetts Institute of Technology.  
**Author** Julien, R.; DiBerardinis, L.; Herrick, R.; Edwards, R.  
**Source** Chemical Health and Safety , Jul-Aug 2001 , **8** ( 4 ) , 25-29  
**Publication Year** 2001  
**Language** English  
**Publication Type** Journal  
**Abstract**

A study was made on exposure levels to five chemicals for laboratory personnel working at the Massachusetts Institute of Technology. The OSHA regulated substances were benzene, formaldehyde, chloroform, methylene chloride and arsenic compounds. Eight laboratories were selected for monitoring on the basis of detailed information collected from 88 laboratories. Data came from hazardous waste manifests. Personal and area sampling was carried out with standard National Institute of Occupational Safety and Health air sampling and analytical methods being used. Exposure levels were well below the OSHA permissible level and TLV levels recommended by the American Conference of Governmental Industrial Hygienists in all but one laboratory. In typical laboratory activities, exposure levels can be kept below TLVs if engineering controls are working correctly.

**Chemical Names [CAS Reg. No.]** benzene; formaldehyde; chloroform; methylene chloride; arsenic compounds  
71-43-2; 50-00-0; 67-66-3; 75-09-2  
**Descriptors** threshold limit value  
monitoring  
laboratory  
engineering control

### Press Release

**Title** HSE prosecutes University of Birmingham Medical School.  
**Source** HSE , Rose Court, 2 Southwark Bridge, London SE1 9HS UK , 23 Mar 2001  
**Publication Year** 2001  
**Language** English  
**Publication Type** Press Release  
**Abstract**

The Health and Safety Executive (HSE) is prosecuting the University of Birmingham Medical School, Edgbaston, Birmingham B15 2TT, for breaches of the Control of Substances Hazardous to Health Regulations (COSHH) 1994 and 1999. The case was scheduled for 26 Mar 2001. HSE alleges that during a visit by one of its Specialist Inspectors in September 1999, it was discovered that the University had failed to test the exhaust ventilation of its containment level 3 Tuberculosis (TB) propagation laboratory over the preceding three years. It is further alleged that when the ventilation system was tested on 19 Oct 1999, it was discovered that the High Efficiency Particulate Absorption (HEPA) filter was ineffective.

**Descriptors** lawsuit  
inspection  
medical laboratory  
containment  
tuberculosis  
filter

## Book

<b>Title</b>	Health, safety and risk: looking after each other at school and in the world of work.
<b>Author</b>	Warren, D.
<b>Publisher</b>	Royal Society of Chemistry , Thomas Graham House, Science Park, Milton Road, Cambridge CB4 0WF , 56 pp, 15 Sep 2001
<b>ISBN</b>	0 85404 959 2
<b>Publication Year</b>	2001
<b>Language</b>	English
<b>Publication Type</b>	Book
<b>Abstract</b>	<p>The book has been produced in order to help teachers bring about a better understanding of the concept of safety in their students. Young people growing up in a scientific and technological society, should be made aware of the associated risks and of attempts to minimise them. This resource includes a range of activities for 11-19 year old students designed to promote an understanding of health, safety and risk at school and work. It contains teachers' notes, background information, photocopiable student worksheets and answers. The contents include the assessment of safety in science experiments, risk benefit analysis and radiation doses. Price £12.50.</p>
<b>Descriptors</b>	book health & safety school risk analysis radiation