



# MALAYSIAN STANDARD

MS 1042-7:2023

## Safety in laboratories - Code of practice - Part 7: Fume cupboards (First revision)

ICS: 71.040.10

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## **MS 1042-7:2023**

### **Committee representation**

The National Standards Committee on Occupational Safety and Health (NSC 23) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Chemical Industries Council of Malaysia  
Construction Industry Development Board Malaysia  
Department of Chemistry, Malaysia  
Department of Occupational Safety and Health Malaysia  
Department of Standards Malaysia (Secretariat)  
Federation of Malaysian Manufacturers  
Malaysian Employers Federation  
Malaysian Society of Occupational Safety and Health  
Malaysian Trades Union Congress  
Minerals and Geoscience Department Malaysia  
Ministry of Health Malaysia  
Ministry of Investment, Trade and Industry  
National Institute of Occupational Safety and Health  
SIRIM QAS International Sdn Bhd  
Social Security Organisation  
The Institution of Engineers, Malaysia

The Technical Committee on Safety in Laboratories (NSC 23/TC 4) which developed this Malaysian Standard consists of representatives from the following organisations:

Atomic Energy Licensing Board  
Department of Agriculture  
Department of Chemistry Malaysia  
Department of Standards Malaysia (Secretariat)  
Department of Occupational Safety and Health  
Institute of Medical Research  
Malaysian Institute of Chemistry  
Malaysian Nuclear Agency  
National Institute of Occupational Safety and Health  
National Pharmaceutical Regulatory Agency  
Universiti Kebangsaan Malaysia

## **Foreword**

This Malaysian Standard was developed by the Technical Committee on Safety in Laboratories (NSC 23/TC 4) under the authority of the National Standards Committee on Occupational Safety and Health (NSC 23).

The first revision of MS 1042-7, cancels and replaces MS 1042-7:2011 *Safety in laboratories- Code of practice- Part 7: Fume cupboards*.

Major modification in this revision are as follows:

- a) updating the relevant acts and regulations that are being referred to in this standard; and
- b) references to other standard publications and literatures and these are listed in "Annex A" and "Bibliography".

MS 1042 consists of the following's parts, under the general title, *Safety in laboratories - Code of practice*:

*Part 1: General*

*Part 2: Chemical aspects*

*Part 3: Biosafety and biocontainment in microbiology laboratories*

*Part 4: Ionising radiations*

*Part 5: Non-ionising radiations - Electromagnetic, sound and ultrasound<sup>1</sup>*

*Part 6: Plant and equipment aspects*

*Part 7: Fume cupboards*

*Part 8: Recirculating fume cabinet<sup>1</sup>*

*Part 9: Storage of chemicals*

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

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<sup>1</sup>To be developed