



# MALAYSIAN STANDARD

**MS ISO 9177-1:2003  
(CONFIRMED:2012)**

## **Mechanical pencils - Part 1: Classification, dimensions, performance requirements and testing (ISO 9177-1:1989, IDT)**

**ICS: 97.180**

Descriptors: drawing equipment, pencils, propelling pencils, classification, specifications, dimensions, tests, designation

NOTE. This MS has been reviewed by the responsible committee and confirmed that its contents are current

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## **Committee representation**

The Consumer Products, Personal Safety and Services Industry Standards Committee (ISC C) under whose supervision this Malaysian Standard was developed, comprises representatives from the following organizations:

Chemistry Department  
Department of Occupational Safety and Health  
Department of Standards Malaysia  
Federation of Malaysian Consumers Associations  
Federation of Malaysian Manufacturers  
Institut Kualiti Malaysia  
Malaysian Institute of Management  
Malaysian Trade Union Congress  
Ministry of Domestic Trade and Consumer Affairs  
Ministry of Finance  
Ministry of International Trade and Industry  
Ministry of Health  
Ministry of Human Resource  
National Institute of Occupational Safety and Health  
SIRIM Berhad

The Technical Committee on Child Safety which developed this Malaysian Standard consists of the following representatives:

Federation of Malaysian Consumers Association  
Jabatan Kimia Malaysia  
Ministry of Domestic Trade (Enforcement Division)  
Minsitry of Education  
Ministry of Trade and Consumer Affairs  
SIRIM Berhad  
Universiti Kebangsaan Malaysia  
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# MS ISO 9177-1:2003

## NATIONAL FOREWORD

This Malaysian Standard was developed by the Technical Committee on Child Safety under the authority of the Consumer Products, Personal Safety and Services Industry Standards Committee.

This Malaysian Standard is identical with ISO 9177-1:1989, Mechanical pencils – Part 1: Classification, dimensions, performance requirements and testing, published by the International Organization for Standardization (ISO), which has the same title. The text of the International Standard is recommended for publication as a Malaysian Standard without deviation. However, for the purpose of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard" should read "this Malaysian Standard"; and
- b) the comma which is used as a decimal sign (if any), to read as a full point.

References to International Standards should be replaced by equivalent Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
ISO 9177-2:1989, Mechanical pencils – Part 2: Black leads – Classification and dimensions	MS ISO 9177-2:2003 Mechanical pencils – Part 2: Black leads – Classification and dimensions

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

NOTE. IDT on the front cover indicates an identical standard, i.e. a standard where the technical content, structure, wording and presentation of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and it may contain the minimal editorial changes specified in clause 4.2 of the ISO/IEC Guide 21.