MAURITIAN
STANDARD
MS 46—1989

Specification for

School chalks (white and coloured)

PREVIEW

Mauritius Standards Bureau

Price: Rs 16.00

FOREWORD

This Mauritian Standard was drawn up by the Chemical Standards Committee through its subcommittee on school chalks and approved by the Standards Council on 2 February 1989. It was notified in the Government Gazette on 25 March 1989 as General Notice No. 300 of 1989.

In preparing this Standard reference was made to the following:

1 BS 3060 ... Specification for school chalks

2 IS 2694 ... Specification for school chalks, moulded, white

3 IS 4222 ... Specification for coloured chalks, moulded

4 SABS 99 ... Specification for white chalks

5 SS 192 ... Specification for school chalks

Acknowledgement is made for the use of information from the above publications.

PREVIEW

SPECIFICATION FOR SCHOOL CHALKS (WHITE AND COLOURED)

1 SCOPE

This Mauritian Standard specifies requirements for school chalks, both white and coloured intended primarily for writing on blackboards.

2 DEFINITIONS

For the purpose of this standard the following definitions apply.

2.1 *Defective:* A chalk, white or coloured, which is either broken or that fails in one or more respects to comply with the requirements of this standard.

2.2 *Lot:* Not less than 100 chalks of the same type packed in containers or boxes bearing the same batch identification from one manufacturer.

3 MATERIALS

Chalks shall be made from good quality calcined mineral gypsum in the form of hemihydrate of calcium sulphate ($CaSO_4.2H_20$). To this may be added materials for pigmentation within the following maximum limitation:

Lead	— 250 mg/kg
Chromium	— 100 mg/kg
Arsenic	— 100 mg/kg
Cadmium	— 100 mg/kg

This whole shall be of homogeneous mass reasonably free from grit, hard particles or grease, and shall be free from deleterious quantities of any poisonous or toxic substances.

4 REQUIREMENTS

4.1 *Dimensions*

The dimensions of school chalks of circular cross-section (see 4.2) shall be as follows:

Length	: 75 ± 3 mm
Diameter	: 11 ± 1 mm
Tapering to	9.5 ± 1 mm

4.2 *Shape*

The chalks shall have a circular cross-section and shall be uniformly tapered.

4.3 *Finish*

The chalks shall be smooth and free from external blow holes.

4.4 *Hardness*

The hardness of the chalks shall be such as to transfer freely and uniformly on blackboards without scratching or otherwise harming the blackboards, and to ensure that the mark can be easily erased with a dry eraser or duster.

4.5 *Mass*

The nominal mass of a chalk shall be 5.0 g and no chalk shall weigh less than 4.65 g (see also 5.3.2).

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