

(PREVIEW)

## *Indian Standard*

### METHODS FOR MEASUREMENT OF AIR POLLUTION

#### PART VII HYDROGEN SULPHIDE

## 0. FOREWORD

**0.1** This Indian Standard (Part VII) was adopted by the Indian Standards Institution on 3 July 1973, after the draft finalized by the Chemical Hazards Sectional Committee had been approved by the Chemical Division Council.

**0.2** Hydrogen sulphide is a highly toxic gas. Repeated exposure to low concentration has an irritating effect on mucous membranes, eyes and respiratory tract.

**0.3** In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS : 2-1960\*.

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## 1. SCOPE

**1.1** This standard ( Part VII) prescribes a method for the measurement of concentration of hydrogen sulphide in community air.

**1.1.1** The range of concentration covered in this method is 6  $\mu\text{g}/\text{m}^2$  to 600  $\mu\text{g}/\text{m}^3$  of hydrogen sulphide in air.

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\*Rules for rounding off numerical values (*revised*).