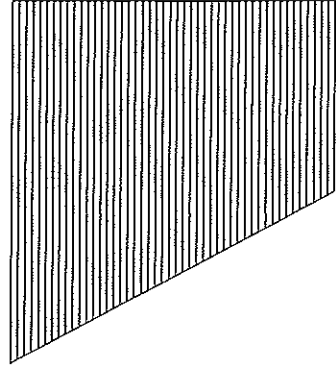




GASTEC



Introduction

How to use this handbook

This handbook replaces the old Gastec "Blue Book." It is designed to be easier to use and more informative for a wide variety of people who are responsible for the management of not only working places and offices, but also of public facilities and premises (including air, water and the soil). The information is presented in a format that we feel is useful to both the beginner and the experienced health and safety professional.

● If you are a beginner, we strongly recommend that you first read the following two sections "What is the detector tube method?" and "Gastec detector tube technology". The sections, "Gastec Standard Detector Tube System Basic Configuration" (page 1-2) through "Simple and accurate measurements with the Gastec Standard Detector Tube System" (page 1-12) of Chapter 1, "Gastec Standard Detector Tube System" will give you basic information required for measurements with the Gastec Standard Detector Tube System, Gastec's most widely used detector tube system .

● If you are an experienced user of Gastec Standard Detector Tube System, you can start with the section, "Simple and accurate measurements with the Gastec Standard Detector Tube System" (page 1-12). The sections, "More about Gastec detector tubes" (page 1-18) and "Tips for measurements" (page 1-28) will be helpful to understand more about the System and obtain useful information for performing accurate measurements.

● If you want to know more about Gastec capabilities, the sections, "Gastec Standard Detector Tube System Basic Configuration" (page 1-2) through "Simple and accurate measurements with the Gastec Standard Detector Tube System" (page 1-12) and "Gastec means quality" (page 1-32) through "Summary of Gastec environmental analysis technology" (page 1-44) will be useful.

Individual Gastec standard detector tubes are described in Chapter 2 , "Specifications of Gastec Standard Detector Tubes" (page 2-1). Other Gastec detector tube systems are described in Chapter 3 . "Gastec Applied Detector Tube Systems for Gas and Vapour Analysis" (page 3-1) through Chapter 6, "Gastec Measurement Support Systems" (page 6-1). For hazardous substances that can be measured with Gastec environmental analysis technology, the properties including possible symptoms caused by exposure are given in Chapter 7, "Properties of Substances to be Measured" (page 7-1). With this information, you can take quick corrective action in managing your environmental program. You can find desired information quickly by using a variety of appendices (page 9-1) and the index (page 9-25).

Today environmental problems are expanding from local to global concerns. We hope this handbook will serve as a guidebook for your environmental management. At Gastec we are always open to customers' requests or questions, so feel free to contact us or one of our many agents worldwide.

All information exhibited in this handbook has prepared from the data as of January, 2009, and specification, appearance and usage of the Gastec detector Tubes are subject to change without notice.

Please, therefore, confirm and refer to the instruction sheet in the box of tubes on use of the detector tubes.