

THE ENGINEERING EQUIPMENT AND MATERIALS USERS ASSOCIATION

STANDARD TEST METHOD FOR COMPARATIVE PERFORMANCE OF FLAMMABLE GAS DETECTORS AGAINST POISONING

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THE ENGINEERING EQUIPMENT AND MATERIALS USERS ASSOCIATION.

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1. FOREWORD.

In the fast developing technology of pellistor manufacture, manufacturers have used many different methods of showing how their pellistor withstands the effects of poisoning by the many contaminants met with in industry today. Users have difficulty in making comparisons between the claims made by the different manufacturers for their products. The members of the EEMUA Instrument Committee decided that a standard test method to make such comparison was needed and this document is the result of that decision.

It is hoped that the use of this method will assist users in deciding which pellistor best meets their requirements at the most reasonable cost while establishing a standard method of making comparisons.

2. **RELEVANT STANDARDS.**

British Standards.

BS 4559 Methods for preparation of calibration gas mixtures.

BS 6020 Instruments for the detection of combustible gases.

International Standards.

ISO 6144 Gas analysis - Preparation of calibration gas mixtures - Static volumetric methods.

ISO 6349 Gas analysis - Preparation of calibration gas mixtures - Permeation method.