

**TOXIC
MATERIALS
IN THE
ATMOSPHERE**



STP 786

TOXIC MATERIALS IN THE ATMOSPHERE: SAMPLING AND ANALYSIS

A symposium
sponsored by ASTM
Committee D-22 on
Sampling and Analysis of Atmospheres
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B. F. Himmelsbach, Allied Chemical Co.,
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Foreword

The symposium on Toxic Materials in the Atmosphere was held in Boulder, Colo., 2-5 Aug. 1981. It was sponsored by ASTM Committee D-22 on Sampling and Analysis of Atmospheres. B. F. Himmelsbach, Allied Chemical Co., presided as chairman of the symposium.

Related ASTM Publications

Sampling and Analysis of Toxic Organics in the Atmosphere, STP 721 (1980), 04-721000-19

Air Quality Meteorology and Atmospheric Ozone, STP 653 (1978), 04-653000-17

Interlaboratory Cooperative Study of the Precision and Accuracy of the Determination of Sulfur Oxides in Gaseous Combustion Products, DS 55-S9 (1977), 05-055090-17

Calibration in Air Monitoring, STP 598 (1976), 04-59800-17

Measurement of Lead in the Atmosphere; Sampling Stacks for Particulates; and Determination of Oxides of Nitrogen in Combustion Products, DS 55-S5, S6, S8 (1975), 05-055099-17

Interlaboratory Cooperative Study of the Precision and Accuracy of the Determination of the Relative Density of Black Smoke using ASTM D 3211, DS 55-S10 (1974), 05-055100-17

Interlaboratory Cooperative Study of the Precision of the Determination of the Average Velocity in a Duct using ASTM D 3154, DS 55-S7 (1974), 05-055070-17

Interlaboratory Cooperative Study of the Precision and Accuracy of the Measurement to Dust Fall in the Atmosphere using ASTM D 1739, DS 55-S4 (1974), 05-055040-17

Interlaboratory Cooperative Study of the Precision and Accuracy of the Measurement of Particulate Matter in the Atmosphere using ASTM D 1704, DS 55-S3 (1974), 05-055030-17

Interlaboratory Cooperative Study of the Precision and Accuracy of the Measurement of Total Sulfation in the Atmosphere using ASTM D 2010, DS 55-S2 (1974), 05-055020-17

Interlaboratory Cooperative Study of the Precision and Accuracy of the Measurement of Sulfur Dioxide Content in the Atmosphere using ASTM D 2914, DS 55-S1 (1974), 05-055010-17

Interlaboratory Cooperative Study of the Precision and Accuracy of the Measurement of Nitrogen Dioxide Content in the Atmosphere using ASTM D 1607, DS 55 (1974), 05-055000-17

A Note of Appreciation to Reviewers

This publication is made possible by the authors and, also, the unheralded efforts of the reviewers. This body of technical experts whose dedication, sacrifice of time and effort, and collective wisdom in reviewing the papers must be acknowledged. The quality level of ASTM publications is a direct function of their respected opinions. On behalf of ASTM we acknowledge with appreciation their contribution.

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