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Nota di contenuto	ENVIRONMENTAL INSTRUMENTATION AND ANALYSIS HANDBOOK; CONTENTS; Preface; PART I INSTRUMENTATION METHODOLOGIES; 1 Influence of Regulatory Requirements on Instrumentation Design; 2 In Situ Versus Extractive Measurement Techniques; 3 Validation of Continuous Emission Monitor (CEM) System Accuracy and Reliability; 4 Integration of CEM into Distributed Control Systems; 5 Infrared Absorption Spectroscopy; 6 Ultraviolet Analyzers; 7 Total Hydrocarbon Analysis Using Flame Ionization Detector; 8 Gas Chromatography in Environmental Analysis 9 Online Analysis of Environmental Samples by Mass Spectrometry10 Photoionization; 11 Portable Versus Stationary Analytical Instruments; 12 Application of XRF to the Analysis of Environmental Samples; 13

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Sommario/riassunto

A comprehensive resource for information about different technologies and methods to measure and analyze contamination of air, water, and soil.* Serves as a technical reference in the field of environmental science and engineering* Includes information on instrumentation used for measurement and control of effluents and emissions from industrial facilities that can directly influence the environment* Focuses on applications, making it a practical reference tool
