

Air Monitoring Methodologies Summary

1. **Industrial Hygiene** (occupational or workplace related to process, personal & area monitoring)

Legislation & Agency

Occupational Safety and Health Act

OSHA

NIOSH

ACGIH

Methodology

NIOSH

OSHA

ASTM

2. **Indoor Air** (indoor commercial or residential buildings, not source specific)

Legislation & Agency

Clean Air Act

EPA

State Air Boards

Methodology

Compendium of Methods for the Determination of air Pollutants in Indoor Air (IP1-IP10)

ASTM

3. **Ambient Air** (outdoor, not source specific)

Legislation & Agency

Clean Air Act

EPA

State Air Boards

Methodology

Compendium of Methods for the Determination of Toxics Organic Compounds in Ambient Air (TO1-TO17)

ASTM

4. **Source Emissions** (stack, automobile, and point source)

Legislation & Agency

Clean Air Act

Resource Conservation & Recovery Act (RCRA)

EPA

State Air Boards

Methodology

EPA Stationary Source Sampling Methods, 40 CFR 60, Appendix A, Methods 1-28

EPA SW-846, Methods for the Sampling & Analysis of Solid Waste, Methods 0010,0020,0030

ASTM