

$$RA = \overline{X}_i - \overline{X}_A \pm \Delta_{95\%} \quad \text{Eq. A.6}$$

Where:

- RA = Relative accuracy.
- $\overline{X}_i$  = The mean value of all  $X_i$ .
- $\overline{X}_A$  = The average concentration of analyte measured by the active measurement method.
- $\Delta_{95\%}$  = 95 percent confidence interval.

A.14 POLLUTION PREVENTION

This method involves the use of ambient concentrations of gaseous compounds that

post little or no pollution to the environment.

A.15 WASTE MANAGEMENT

Expired calibration solutions should be disposed of as hazardous materials.

A.16 REFERENCES

1. ISO TC 146/SC 02 N 361 Workplace atmospheres—Protocol for evaluating the performance of diffusive samplers.

[57 FR 61992, Dec. 29, 1992]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting appendix A to part 63, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at [www.fdsys.gov](http://www.fdsys.gov).

APPENDIX B TO PART 63—SOURCES DEFINED FOR EARLY REDUCTION PROVISIONS

Source	Location of definition
1. Organic Process Equipment in Volatile Hazardous Air Pollutant Service at Chemical Plants and Other Designated Facilities.	56 FR 9315, March 6, 1991, Announcement of Negotiated Rulemaking
<ul style="list-style-type: none"> <li>a. All valves in gas or light liquid service within a process unit</li> <li>b. All pumps in light liquid service within a process unit</li> <li>c. All connectors in gas or light liquid service within a process unit</li> <li>d. Each compressor</li> <li>e. Each product accumulator vessel</li> <li>f. Each agitator</li> <li>g. Each pressure relief device</li> <li>h. Each open-ended valve or line</li> <li>i. Each sampling connection system</li> <li>j. Each instrumentation system</li> <li>k. Each pump, valve, or connector in heavy liquid service</li> <li>l. Each closed vent system and control device</li> </ul>	

[57 FR 62002, Dec. 29, 1992]

APPENDIX C TO PART 63—DETERMINATION OF THE FRACTION BIODEGRADED ( $F_{bio}$ ) IN A BIOLOGICAL TREATMENT UNIT

I. Purpose

The purpose of this appendix is to define the procedures for an owner or operator to use to calculate the site specific fraction of organic compounds biodegraded ( $F_{bio}$ ) in a biological treatment unit. If an acceptable level of organic compounds is destroyed rather than emitted to the air or remaining in the effluent, the biological treatment unit may be used to comply with the applicable treatment requirements without the unit being covered and vented through a closed vent system to an air pollution control device.

The determination of  $F_{bio}$  shall be made on a system as it would exist under the rule. The owner or operator should anticipate changes that would occur to the wastewater flow and concentration of organics, to be treated by the biological treatment unit, as a result of enclosing the collection and treatment system as required by the rule.

Unless otherwise specified, the procedures presented in this appendix are designed to be applied to thoroughly mixed treatment units. A thoroughly mixed treatment unit is a unit that is designed and operated to approach or achieve uniform biomass distribution and organic compound concentration throughout the aeration unit by quickly dispersing the recycled biomass and the wastewater entering the unit. Detailed discussion on how to determine if a biological treatment unit is thoroughly mixed can be found