



Air Pollution Control Division

Technical Services Program

APPENDIX P3

References

QAPP REFERENCES

Formatting:

- Guide for the Use of the International System of Units (SI), NIST Special Publication 811. Ambler Thompson and Barry N. Taylor, 2008 edition
<http://physics.nist.gov/cuu/pdf/sp811.pdf>
- The Associated Press Stylebook and Briefing on Media Law, 2013

Colorado Documents:

- COLORADO REVISED STATUTES, TITLE 24. 2012.
<https://archive.org/details/govlawcocode201224>

US References:

- Guidelines for Ensuring and Maximizing the Quality, Objectivity, Utility, and Integrity of Information Disseminated by Federal Agencies. Office of Management and Budget, Executive Office of the President. October 1, 2001.
https://obamawhitehouse.archives.gov/omb/fedreg_final_information_quality_guidelines/

CFR References:

- NAAQS. <https://www.epa.gov/criteria-air-pollutants/naaqs-table>
- 40 CFR Part 50. http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr50_main_02.tpl
- 40 CFR Part 53. http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr53_main_02.tpl
- 40 CFR Part 58. http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr58_main_02.tpl

Quality Documents:

- ANSI/ASQ E4-2004: Quality Systems for Environmental Data and Technology Programs: Requirements with Guidance for Use.2004

EPA Quality Policy Documents:

- Agency-wide Quality System Documents. U.S. EPA. Available online at http://www.epa.gov/QUALITY/qa_docs.html

QUALITY POLICY. U.S. EPA. CIO 2106.0. 10/20/08.

https://www.epa.gov/sites/default/files/2015-09/documents/epa_order_cio_21060.pdf

- PROCEDURE FOR QUALITY POLICY. U.S. EPA. CIO 2106-P-01.0. 10/20/08. <https://www.epa.gov/sites/production/files/2015-10/documents/21060.pdf>
 - POLICY AND PROGRAM REQUIREMENTS FOR THE MANDATORY AGENCY-WIDE QUALITY SYSTEM. EPA ORDER. U.S. EPA. CIO 2105.0 (formerly 5360.1 A2). Approval Date: May 5, 2000. <https://www.epa.gov/sites/default/files/2013-10/documents/21050.pdf>
 - QUALITY MANUAL FOR ENVIRONMENTAL PROGRAMS. U.S. EPA. CIO 2105-P-01-0 (formerly 5360 A1). May 5, 2000. <https://www.epa.gov/sites/production/files/2013-10/documents/2105p010.pdf>
 - QUALITY STANDARD FOR ENVIRONMENTAL DATA COLLECTION, PRODUCTION, AND USE BY NON-EPA (EXTERNAL) ORGANIZATIONS. U.S. EPA. Draft Final (2106-S-02.0). Review Date: 02/22/12. <https://www.epa.gov/quality/specifications-non-epa-organizations>
 - Guidance for Evaluating and Documenting the Quality of Existing Scientific and Technical Information. EPA December 2012. <https://www.epa.gov/sites/production/files/2015-05/documents/assess3.pdf>
 - Managing the Quality of Environmental Data at EPA Region 8. About the Region 8 Quality Assurance Program. <https://www.epa.gov/quality/managing-quality-environmental-data-epa-region-8>
 - Requirements for Quality Assurance Project Plans. QA/R-5. U.S. EPA. March 2001. https://www.epa.gov/sites/production/files/2016-06/documents/r5-final_0.pdf
 - Guidance for Quality Assurance Project Plans. QA/G-5. U.S. EPA. December 2002. <https://www.epa.gov/sites/production/files/2015-06/documents/g5-final.pdf>
- Guidance on Choosing a Sampling Design for Environmental Data Collection. QA/G-5S. U.S. EPA. December 2002. <https://www.epa.gov/sites/production/files/2015-06/documents/g5s-final.pdf>
- Guidance for Developing a Training Program for Quality Systems EPA QA/G-10. US EPA. December 2000. <http://www.epa.gov/quality/qs-docs/g10-final.pdf>

- Guidance on Environmental Data Verification and Data Validation. QA/G-9S. U.S. EPA. November 2002. <https://www.epa.gov/sites/default/files/2015-06/documents/g8-final.pdf>
- Data Quality Assessment: Statistical Tools for Practitioners. QA/G-9S. U.S. EPA. February 2006. <http://www.epa.gov/QUALITY/qs-docs/g9s-final.pdf>
- Data Quality Assessment: A Reviewer's Guide. QA/G-9R. U.S. EPA. February 2006. <https://www.epa.gov/sites/production/files/2015-08/documents/g9r-final.pdf>
- Chapter 1 of EPA [Guidance for Data Quality Assessment QA/G-9](#) provides an overview of sampling plans and the assumptions needed for their implementation. EPA [Guidance on Choosing a Sampling Designs for Environmental Data collection QA/G-5S](#) provides more detailed guidance on the construction of sampling plans to meet the requirements generated by the DQO Process.

EPA Guidance:

- Quality Assurance Guidance Document 2.12 Monitoring PM_{2.5} in Ambient Air Using Designated Reference or Class I Equivalent Methods. US EPA. November 1998. <https://www3.epa.gov/ttnamti1/files/ambient/pm25/qa/pepfield.pdf>
- Quality Assurance Handbook for Air Pollution Measurement Systems Volume II Ambient Air Quality Monitoring Program. U.S. EPA. January 2017. https://www3.epa.gov/ttnamti1/files/ambient/pm25/qa/Final%20Handbook%20Document%201_17.pdf

- Quality Assurance Handbook for Air Pollution Measurement Systems Volume II Ambient Air Quality Monitoring Program. U.S. EPA. January 2017 Appendix D. Measurement Quality Objectives and Validation Templates.
https://www3.epa.gov/ttnamti1/files/ambient/pm25/qa/APP_D%20validation%20template%20version%2003_2017_for%20AMTIC%20Rev_1.pdf
- [QA Handbook for Air Pollution Measurement Systems: "Volume I: A Field Guide to Environmental Quality Assurance," EPA-600/R-94/038a, April 1994 \(PDF\)](#)
- [QA Handbook for Air Pollution Measurement Systems: "Volume III: Stationary Source Specific Methods"](#)
- https://www.epa.gov/sites/default/files/2021-04/documents/volume_iv_meteorological_measurements.pdf
- AMBIENT MONITORING GUIDELINES FOR PREVENTION OF SIGNIFICANT DETERIORATION (PSD). US EPA1987. <https://www.epa.gov/sites/production/files/2015-07/documents/monguide.pdf>
- Guidelines for the Reporting of Daily Air Quality – the Air Quality Index (AQI). US EPA. May 2016. <https://www.airnow.gov/sites/default/files/2020-05/aqi-technical-assistance-document-sept2018.pdf>. Also the AIRNOW website at <http://www.airnow.gov/>
- EPA Policy Memoranda and Technical Guidance. <https://www3.epa.gov/ttn/amtic/cpreldoc.html>
- **Near –road NO2 Monitoring Technical Assistance Document. US EPA. June 2012.** <https://www.epa.gov/amtic/near-road-monitoring>

- Technical Assistance Document (TAD) for Precursor Gas Measurements in the NCore Multi-pollutant Monitoring Network Version 4. USEPA September 2005.
<https://www3.epa.gov/ttnamti1/ncore/guidance/tadversion4.pdf>
- TECHNICAL ASSISTANCE DOCUMENT FOR THE NATIONAL AIR TOXICS TRENDS STATIONS PROGRAM. Revision2. US EPA. April 2009.
https://www3.epa.gov/ttnamti1/files/ambient/airtox/nattsTADRevision2_508Compliant.pdf
- National Air Toxics Trends Station Work Plan Template. Revised: April 2012.
<https://www3.epa.gov/ttnamti1/files/ambient/airtox/nattsworkplantemplate.pdf>
- *Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air – Second Edition, EPA/625/R-96/010b*. U.S. EPA. January 1999.
<https://www.epa.gov/amtic/compendium-methods-determination-toxic-organic-compounds-ambient-air>

Compendium of Methods for the Determination of Inorganic Compounds in Ambient Air, EPA/625/R-96/010a. U.S. EPA. June 1999. <https://www.epa.gov/amtic/compendium-methods-determination-inorganic-compounds-ambient-air>