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AP-42: Compilation of Air Emissions Factors

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Compilation of Air Pollutant Emissions Factors (A

AP-42, *Compilation of Air Pollutant Emissions Factors*, has been published since 1972 as the primary cor emissions factor information. It contains emissions factors and process information for more than 200 categories. A source category is a specific industry sector or group of similar emitting sources. The emis been developed and compiled from source test data, material balance studies, and engineering estima Edition of AP-42 was published in January 1995. Since then EPA has published supplements and updat chapters available in *Volume 1, Stationary Point and Area Sources*. The latest emissions factors are availi website. Use the AP-42 Chapter webpage links below to access the document by chapter.

 After the comment period, can I use a draft section? (txt) <<https://epa.gov/sites/default/files/2020-11/whatisadr>

Chapter & Section	Description	Co Re
Section 2.4	Municipal Solid Waste Landfills < https://epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-2-solid-waste-0 >	Ma
Section 4.12	Manufacture of Rubber Products < https://epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-4-evaporation-loss-0 >	Fel
Chapter 15	Ordnance Detonation < https://epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-15-ordnance-1 >	De

AP-42, Fifth Edition Compilation of Air Pollution Emissions Factors, Volume 1: Stationary Point Area Sources

Chapter	Title
Cover page and Table of Contents	Cover page, detailed Table of Contents, Publications in Series, Insertion Instructions, Word Index (PDF) < https://epa.gov/sites/production/files/2020-09/documents/toc_kwrdr.pdf > (10 K, About PDF < https://epa.gov/home/pdf-files >). This is current through the Fifth Edition of AP-42. For sections and chapters added after November 1997, see the chapters below.
Introduction	Introduction to AP-42, Volume I, Fifth Edition (PDF) - January 1995 < https://epa.gov/sites/production/files/2020-09/documents/c00s00.pdf > (10 pp, 70 K, About PDF < https://epa.gov/home/pdf-files >)
Chapter 1	External Combustion Sources < https://epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-1-external-0 >
Chapter 2	Solid Waste Disposal < https://epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-2-solid-waste-0 >
Chapter 3	Stationary Internal Combustion Sources < https://epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-3-stationary-0 >
Chapter 4	Evaporation Loss Sources < https://epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-4-evaporation-loss-0 >

Chapter	Title
Chapter 8	Inorganic Chemical Industry < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-8-inorganic-chemical-0 >
Chapter 9	Food and Agricultural Industries < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-9-food-and-0 >
Chapter 10	Wood Products Industry < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-10-wood-products-0 >
Chapter 11	Mineral Products Industry < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-11-mineral-products-0 >
Chapter 12	Metallurgical Industry < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-12-metallurgical-0 >
Chapter 13	Miscellaneous Sources < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-13-miscellaneous-0 >
Chapter 14	Greenhouse Gas Biogenic Sources < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-14-greenhouse-gas-0 >
Chapter 15	Ordnance Detonation < https://epa.gov/air-emissions-factors-and-quantification/ap-42-volume-i-chapter-15-ordnance-1 >
Appendix A	Miscellaneous Data and Conversion Factors < https://epa.gov/sites/production/files/2020-11/documents/appa.pdf > -- September 1985 (32 pp, 103 K, About PDF < https://epa.gov/home/pdf-files >)
Appendix B.1	Particle Size Distribution Data and Sized Emission Factors for Selected Sources < https://epa.gov/sites/production/files/2020-11/documents/appb-1.pdf >-- October 1986(103 pp, 2 M, About PDF < https://epa.gov/home/pdf-files >)
Appendix B.2	Generalized Particle Size Distributions < https://epa.gov/sites/production/files/2020-11/documents/appb-2.pdf > -- September 1996(103 pp, 137 K, About PDF < https://epa.gov/home/pdf-files >)
Appendix C.1	Procedures for Sampling Surface/Bulk Dust Loading < https://epa.gov/sites/production/files/2020-11/documents/app-c-1.pdf > -- July 1993(13 pp, 65 K, About PDF < https://epa.gov/home/pdf-files >)
Appendix C.2	Procedures for Laboratory Analysis of Surface/Bulk Dust Loading Samples < https://epa.gov/sites/production/files/2020-11/documents/app-c-2.pdf > -- July 1993(9 pp, 42 K, About PDF < https://epa.gov/home/pdf-files >)

Answers to frequent questions about AP-42. <<https://epa.gov/air-emissions-factors-and-quantification/ap-42-frequent>

Drafts Under Review

There are currently no drafts sections under review.

AP-42 listing of supplements and updates.

AP-42 Chapter References <<https://gaftp.epa.gov/ap42/>>

Supplements A through F (1996 - 2000)(PDF) <<https://epa.gov/sites/production/files/2020-11/documents/suppchga-f.pdf>>
K, About PDF <<https://epa.gov/home/pdf-files>>

Updates 2001 to 2011 (PDF) <<https://epa.gov/sites/production/files/2020-11/documents/suppchg-updates.pdf>> (2 pp, 24
<<https://epa.gov/home/pdf-files>>)

Older editions of AP-42, Volume 1

This information is available for historical purposes only <<https://epa.gov/air-emissions-factors-and-quantification/compilation-air-pollutant-emission-0>>. For the most recent emissions factors, supported by the EPA, please see contents above.

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[Emissions Estimation Tools](https://epa.gov/air-emissions-factors-and-quantification/emissions-estimation-tools) <<https://epa.gov/air-emissions-factors-and-quantification/emissions-estimation-tools>>

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