Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date		Updated Federal Register	Link to FR Notice	Revisions from Recent FR Notice
					Condition/Term	Notice		
19.1	1-1		42 U.S.C. § 7401 et seq.	7/1/1997	Requirements of CAA, State Reg 19 satisfies		Current IBR date not tied to federal changes	
19.103	1-1		NAAQs (40 C.F.R. Part 50), subparts of NSPS (40 C.F.R. Part 60), PSD (40 C.F.R. § 52.21), Minor NSR (Ch. 4)(40 C.F.R. Part 51), subparts of the NESHAPS (40 C.F.R. Parts 61 and 63)	7/1/1997	Dept's delegated authorities, responsibilities		Current IBR date not tied to federal changes	
19.2	2-1	CO2 equivalent emissions	40 C.F.R. Part 98: 78 FR 71948	11/29/2013	Table A - 1 to Subpart A of 40 C.F.R. Part 98 - Global Warming Potentials	79 FR 73750;		Revision to Table A-1 for Additional GWPs: See Table 2 on page 71909 in the linked PDF for additions to Table A-1
		·			g	,		
			42 U.S.C. 7401, et seq. and its					
19.2	2-2	Federal Clean Air Act	implementing regulations	regulation effective date				
19.2	2-2	federally regulated air pollutant		regulation effective date	standards promulgated under CAA			
13.2		politicality	12 0.0.0. 3 7 401 Ct 3Cq.	regulation encetive date	Class I or Class II			
		fada ullum da da			substances subject to a			
19.2	2-2	federally regulated air pollutant		7/1/1997	standard promulgated under CAA			Current IBR date not tied to federal changes
19.2	2-3	Hazardous Air Pollutant		regulation effective date				0
15.12	2.0	Trazar acas / m r chatarre	12 0101017 1017 000041	regulation encouve date	C, i. t			
					effective date of federal			
					rule published 1-15-13 (78		https://www.govinfo.gov/content/pkg/FR-	
19.2	2-4	NAAQS	40 CFR Part 50; 78 FR 3086	1/15/2013				revising the primary and secondary NAAQS for Ozone, and revising monitoring seasons
						80 FR 13727,		
					mathada anasifiad in 10	Mar 16, 2015	2015-05-16/pdf/2015-03/33.pdf#page=1	Appendix A-8 revised, Test Methods 26-30B

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date	Condition/Term	Updated Federal Register Notice	Link to FR Notice	Revisions from Recent FR Notice
19.2	2-4	particulate matter emissions	40 CFR Part 60 Appendix A; 79 FR 11257	2/27/2014	methods specified in 40 CFR Part 60 App A as of effective date of fed rule: Feb 27, 2014	81 FR 59800, Aug 30, 2016	https://www.govinfo.gov/content/pkg/FR-	Revised: Method 1, 2 of Appendix A–1; Method 2G, 3C of Appendix A–2; Method 4, 5, 5H, 5I of Appendix A–3; Method 6C, 7E, 10, 10A, 10B of Appendix A–4; Method 15 of Appendix A–5; Method 16C, 18 of Appendix A–6; Method 25C of Appendix A–7; Method 26, 26A, 30A, 30B of Appendix A–8
						83 FR 56713, Nov 14, 2018	https://www.govinfo.gov/content/pkg/FR-	Method 2B of Appendix A–1; Method 5, 5B, 5I of Appendix A–3; Method 7, 8 of Appendix A–4 of Part 60; Method 18 of Appendix A–6; Method 22 of Appendix A–7; Method 26, 26A, 28WHH of Appendix A–8
						73 FR 1502, Jan 9, 2008	https://www.govinfo.gov/content/pkg/FR- 2008-01-09/pdf/07-5954.pdf#page=1	Appendix N to Part 50—Interpretation of the National Ambient Air Quality Standards for PM2.5
					40 C.F.R. Part 50 as of the	78 FR 3085, Jan 15, 2013		50.3, Reference Conditions; 50.14 Table for Exceptional Event Flagging; 50.18 (NEW) NAAQS for PM2.5; Appendix N, Interpretation of NAAQS for PM2.5
19.2	2-5	PM2.5	40 CFR Part 50	10/17/2006	effective date of the rule published in the FR on October 17, 2006 (71 FR	81 FR 58149, Aug 24, 2016	https://www.govinfo.gov/content/pkg/FR- 2016-08-24/pdf/2016-18768.pdf#page=1	
					61226)	81 FR 68216, Oct 3, 2016		50.1, Definitions (Exceptional Event, Prescribed Fire, etc.); 50.14 Data requirements for exceptional events
						82 FR 14325, Mar 20, 2017		Appendix N to Part 50revise Equation 2 for PM2.5
19.2	2-5	PM10	40 C.F.R. Part 50, App. J: 52 FR 29467 and 40 C.F.R. Part 53	Part 50 as of effective date of federal rule published on 8/7/1987; Part 53 as of December 8, 1984	method in App. J ~OR~ 40	71_FR_61235,		Several changes to requirements for reference and equivalent method determinations (including specifications and test procedures) for fine particle monitors.
				,		,		
19.2	2-5	PM2.5 emissions	40 C.F.R. Part 51, Appendix M: 79 FR 18452	effective date of federal rule published on 4/2/2014	reference/test methods	81 FR 59806, Aug. 30, 2016	https://www.govinfo.gov/content/pkg/FR- 2016-08-30/pdf/2016-19642.pdf#page=7	technical and editorial corrections and revisions to regulations related to source testing of emissions
						83 FR 56720, Nov 14, 2018	https://www.govinfo.gov/content/pkg/FR- 2018-11-14/pdf/2018-24747.pdf#page=8	
19.2	2-5	PM10 emissions	40 C.F.R. Part 51, Appendix M: 79 FR 18452	effective date of federal rule published on 4/2/2014	reference/test methods	81 FR 59806, Aug. 30, 2016		technical and editorial corrections and revisions to regulations related to source testing of emissions
						83 FR 56720, Nov 14, 2018	https://www.govinfo.gov/content/pkg/FR- 2018-11-14/pdf/2018-24747.pdf#page=8	

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date	Condition/Term	Updated Federal Register Notice	Link to FR Notice	Revisions from Recent FR Notice
19.2	2-5	Potential to Emit	42 U.S.C. § 7401 et seq.	7/1/1997	only if the limitation or the effect it would have on emissions is enforceable to the extent it is regulated by the federal Clean Air Act, 42 U.S.C. § 7401 et seq. as of February 15, 1999		IBR Date not tied to federal rule change. Mat	ches the effective date of a rulemaking for Regulation No. 18. that was filed with the SOS on February 5, 1999.
19.2	2-7	Volatile Organic Compounds	I AU (FR Part 60) Annendix A	7/1/1997		80 FR 13727 Mar 16, 2015	https://www.govinfo.gov/content/pkg/FR-2015-03-16/pdf/2015-03733.pdf#page=1 https://www.govinfo.gov/content/pkg/FR-2016-08-30/pdf/2016-19642.pdf#page=1 https://www.govinfo.gov/content/pkg/FR-2016-08-30/pdf/2016-19642.pdf#page=1	Appendix A-8 revised, Test Methods 26-30B Revised: Method 1, 2 of Appendix A–1; Method 2G, 3C of Appendix A–2; Method 4, 5, 5H, 5I of Appendix A–3; Method 6C, 7E, 10, 10A, 10B of Appendix A–4; Method 15 of Appendix A–5; Method 16C, 18 of Appendix A–6; Method 25C of Appendix A–7; Method 26, 26A, 30A, 30B of Appendix A–8 Method 2B of Appendix A–1; Method 5, 5B, 5I of Appendix A–3; Method 7, 8 of Appendix A–4 of Part 60; Method 18 of Appendix A–6; Method 22 of Appendix A–7; Method 26,
19.304	3-2		certain delegated subparts of the NSPS (40 C.F.R. Part 60), provisions designed for PSD (40 C.F.R. § 52.21), and certain delegated subparts of the NESHAPS (40	1/27/2006	Delegated Federal Programs		IBR Date not tied to	federal rule change. See 52.21 document for detailed info about
		Hazardous Organic NESHAP (HON)- Synthetic Organic Chemical Manufacturing Industry (SOCMI)	of January 27, 2006.	Delegated Part 63 Subparts NESHAPS:	F	71 FR 76603 Dec 21, 2006	https://www.govinfo.gov/content/pkg/FR-	This action finalizes one of those options, and reflects our decision not to impose further controls and not to revise the existing standards based on the residual risk and technology review.
		HON - SOCMI Process Vents, Storage Vessels, Transfer Operations and Wastewater			G	71 FR 76603 Dec 21, 2006	https://www.govinfo.gov/content/pkg/FR-	This action finalizes one of those options, and reflects our decision not to impose further controls and not to revise the existing standards based on the residual risk and technology review.

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date	Condition/Term	Updated Federal Register Notice	Link to FR Notice	Revisions from Recent FR Notice
19.407(C)(4)(c)	4-7	Changes not considered De Minimis	Clean Air Act	2/15/1999	emission limitations established pursuant to §112(g), §112(i)(5), §112(j), or §111(d) of the Clean Air Act as amended		IBR Date not tied to federal rule change. Mat	ches the effective date of a rulemaking for Regulation No. 18. that was filed with the SOS on February 5, 1999.
19.412	4-12	Dispersion Modeling	Appendix W of 40 C.F.R. Part 51	11/9/2005; 70 FR 68228		82 FR 5182, Jan 17, 2017	https://www3.epa.gov/ttn/scram/appendix	enhancements to the formulation and application of the EPA's preferred near-field dispersion modeling system, AERMOD (American Meteorological Society (AMS)/EPA Regulatory Model), and the incorporation of a tiered demonstration approach to address the secondary chemical formation of ozone and fine particulate matter (PM2.5) associated with precursor emissions from single sources. The EPA is changing the preferred status of and removing several air quality models from appendix A of the Guideline. The EPA is also making various editorial changes to update and reorganize information throughout the Guideline to streamline the compliance assessment process.
19.504	5-2	stack, a stack in existence, dispersion technique, good engineering practice, nearby, excessive concentration	40 C.F.R. §§ 51.100 (ff) - (kk)	9/12/1986		51 FR 40656; Nov 7, 1986	https://www.govinfo.gov/content/pkg/FR-	no direct changesto (ff) - (kk)but updates to the definitions that would affect this IBR, as far as CFR organizationthe section was retitled "Subpart F: Procedural Requirements" with this rulemaking, and assigned 51.100-51.105 from the previous version of the Rule.
						81 FR 59806, Aug. 30, 2016 83 FR 56730, Nov. 14, 2018	https://www.govinfo.gov/content/pkg/FR- 2016-08-30/pdf/2016-19642.pdf#page=7 https://www.govinfo.gov/content/pkg/FR-	App M, Part 51, Aug 2016: In paragraph (4)(a) of appendix M, Methods 30A and 30B are added to the list of methods not requiring the use of audit samples. In Method 201A, the constant in equation 9 is corrected from 0.07657 to 0.007657. In Method 202, section 3.8 is added to incorporate ASTM E617–13 by reference, and Sections 10.3 and 10.4 are added to require calibration of the field balance used to weigh impingers and to require a multipoint calibration of the analytical balance. Other non-technical changes to this Appendix, also. Appendix B to Part 61, Nov 2018: Revise the section heading for section 11.7.3 in Method 107 of appendix B to Part 61

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date	Condition/Term	Updated Federal Register Notice	Link to FR Notice	Revisions from Recent FR Notice
19.702(F)	7-2	Testing Methods/Records	40 C.F.R. Part 51, Appendix M: 79 FR 18452 ; 40 C.F.R. Part 60, Appendix A: 79 FR 11257 ; 40 C.F.R. Part 61, Appendix B: 65 FR 621621 ; 40 C.F.R. Part 63, Appendix A: 57 FR 62002	effective date of federal rules published on: April 2, 2014; February 27, 2014; October 17, 2000; December 29, 1992				
						83 FR 56730, Nov. 14, 2018		App A, Part 60, Nov 2018: Method 2B of Appendix A–1, Method 5 of Appendix A–3, Method 5B of Appendix A–3, Method 5I of Appendix A–3, Method 7 of Appendix A–4, Method 8 of Appendix A–4, Method 18 of Appendix A–6, Method 22 of Appendix A–7, Method 26 of Appendix A–8, Method 26A of Appendix A–8, Test Method 28WHH of Appendix A–8
19.703(A)	7-3		40 C.F.R. Part 60, Appendix B quality assurance procedures in 40 C.F.R. Part	App B: effective date of the federal final rule published by EPA in the Federal Register on February 27, 2014 (79 FR 11271)App F: effective date of the federal final rule published by EPA in the Federal Register on February 27, 2014 (79 FR 11274)		83 FR 56720, Nov 14, 2018		Updated methods and procedures for quality assurance requirements. Performance Specifications 1, 2, 3, 11, 15, and 18 for Appendix B and Procedure 1 of Appendix F revised.
		source categories listed in 40 CFR Part 51 Appendix P and 40 CFR Part 60	40 C.F.R. Part 51, Appendix P or in 40 C.F.R. Part 60	Appendix P: November 7, 1986 (51 FR 40675); 40 CFR Part 60: August 30, 1992		81 FR 59808, Aug. 30, 2016 80 FR 13715, Mar 16, 2015	2016-08-30/pdf/2016-19642.pdf#page=1 https://www.govinfo.gov/content/pkg/FR-	Appendix P, Part 51: section 3.3, the erroneous reference to section 2.1 of Performance Specification 2 of appendix B of part 60 is corrected to section 6.1. Part 60, Subpart QQQQ—Standards of Performance for New Residential Hydronic Heaters and Forced-Air Furnaces (latest source category added to Part 60; GHGs for EGUs came a little later, but EGUs were not a newly listed source category)
19.703(B)	7-3		40 C.F.R. Part 51, Appendix P, Section 4.0	Nov 7, 1986; 51 FR 40675	Minimum Data Reqs			Appendix P has updates, but not to Section 4.0

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date	Condition/Term	Updated Federal Register Notice	Link to FR Notice	Revisions from	Recent FR Notice
19803	8-1	EPA Method 8	40 CFR Part 60 Appendix A	5/25/1979		83 FR 56721, Nov 14, 2018	https://www.govinfo.gov/content/pkg/FR-	Updated methods and procedures for quality assurance requirements: new section 6.1.1.1 for Method 8.	Appendix A to Part 60: Appendix A-1 to Part Appendix A-2 to Part 60 Appendix A-3 to Part Appendix A-4 to Part 6 Appendix A-5 to Part 60 Appendix A-6 to Part 6 Appendix A-7 to Part 60 Appendix A-8 to Part 60
10.904/D\	0.7	data roduction	40 CED 60 8	2/27/2014		81 FR 59809,		Revisions to test methods, performance spec	ifications, and testing regulations for air
19.804(B) 19.903(B)(2) and (5)	8-2 9-2	data reduction	standards promulgated under CAA 111; no pollutants listed in CAA 112, or added to 112(b)(2), UNLESS the pollutant is also regulated under CAA 108	7/27/2012		Aug 30, 2016	2016-08-30/pdf/2016-19642.pdf#page=1 See entry ab		than 7/27/2012 would apply here, as well.
		Residential wood heaters		Part 60, NSPS		80 FR 13672, Mar 16, 2015	https://www.govinfo.gov/content/pkg/FR-	applying updated emission limits that reflect reduction; eliminating exemptions over a brodevices; strengthening test methods as appro	the current best systems of emission and suite of residential wood combustion
19.903(B)(6)	9-3		77 FR 65107, Oct 25, 2012	10/25/2012	Condensible particulate matter shall be accounted for as of the effective date of the EPA Final Rule				

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date		Updated Federal Register	Link to FR Notice	Revisions from Recent FR Notice
					Condition/Term	Notice		revisions clarify the relationship between longterm strategies and reasonable progress
								goals (RPGs) in state implementation plans (SIPs) and the long-term strategy obligation of
19.903(D)	9-3		definitions in 40 CFR 52.21(b) and 40 CFR 51.301	10/20/2010		82 FR 3122, Jan. 10, 2017	https://www.govinfo.gov/content/pkg/FR- 2017-01-10/pdf/2017-00268.pdf#page=1	all states; Revisions to 40 CFR 51.301: Definitions, to change the definition of reasonably attributable
				· ·		,		
19.904(A)	9-4	Dept responsibility and authority	40 C.F.R. § 52.21 (a)(2) - (bb)	11/29/2005	EXCEPT those below, IBR'd by other dates			
					EXCEPT where (b)(49) is referenced, 19.904(G)	80 FR 33413;	https://www.govinfo.gov/content/pkg/FR-	
19.904(A)(1)	9-4		40 C.F.R. § 52.21 (aa)	8/13/2012	applies			CHANGE to (aa)(10)(v), June 2015; language reinstated that was revised July 2014
19.904(A)(2)	9-4		40 C.F.R. § 52.21(r)(6): 72 FR 72607	12/21/2007				
			40 C.F.R. §§ 52.21(b)(23), 52.21(i)(5)(ii) -					2010 changes to (i)(5)(a)(i) that affect (a)(ii) and (a)(iii) exemptions by pollutant amount (insignificant)Oct 20, 2010 added PM10 and PM2.5; PM 2.5 later removed by Dec 9,
19.904(A)(3)	9-4		(iii)	5/16/2008				2013 final rule (Sierra Club v EPA: no exemption for 2.5)
		Major Source Baseline						
		Date, Minor Source						
		Baseline Date, Baseline Area, Ambient Air						
		Increments, Source Impact						
		Analysis Requirements, Requirements for Sources	40 C.F.R. §§ 52.21(b)(14)(i) - (iii),					
		Impacting Federal Class I	52.21(b)(15),					
19.904(A)(4)	9-4	areas Exclusions from the	52.21(c), 52.21(k)(1), and 52.21(p)	10/20/2010				
		consumption of	40 C.F.R. §					
19.904(B)	9-5	increments	51.166(f)(1)(iii)	11/29/2005	In addition to the federal			
					requirements, see			
19.904(C)	9-5		40 C.F.R. § 52.21(o)	11/29/2005	19.904(C)(1)-(4)			
		incrementals analysis,				81 FR 71629; Oct	https://www.govinfo.gov/content/pkg/FR-	
19.904(C)(2)	9-5	public inspection	40 C.F.R. § 52.21(q)	11/29/2005		18, 2016	2016-10-18/pdf/2016-24911.pdf#page=1	revising the public notice provisions for New Source Review (NSR), and title V programs
					In addition to the federal requirements, see			
19.904(D)	9-6		40 C.F.R. § 52.21(p)(1)	10/20/2010				
					For the purpose of the			
					regulation of GHGs, only			
					the standards and requirements			
					promulgated by EPA as of			
					June 3, 2010, related to the			
					permitting of GHG emissions shall apply to the			
					requirements of 40 C.F.R. §			
19.904(G)	9-6		40 C.F.R. § 52.21	6/3/2010	52.21, incorporated by reference at Reg.19.904(A).			Several changes to 52.21 "GHGs" since June 3, 2010
15.50 7(0)	7 0		10 0.1 11.1 3 32.21	-0/3/2010	1. 5.5. 5.156 at 165.13.307(A).			33.3.3. 5.14.1965 to 32.22

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date	Condition/Term	Updated Federal Register Notice	Link to FR Notice	Revisions from Recent FR Notice
		GHGs: Table A - 1 to			Condition, remi			
		Subpart A of 40 C.F.R. Part				70 50 74040		74000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19.904(G)(2)(i)	9-7	98 - Global Warming Potentials	40 C.F.R. Part 98: 78 FR 71948	11/29/2013		79 FR 71948; Dec. 11, 2014.		Revision to Table A-1 for Additional GWPs: See Table 2 on page 71909 in the linked PDF for additions to Table A-1
(// //								
					significant emissions			
					increase (calculation procedures), significant net			
					emissions increase (calc			
			40 C.F.R. § 52.21(a)(2)(iv), 40 C.F.R. §		proc.), and "significant" =			
			52.21(b)(3), 40 C.F.R. § 52.21(b)(23)		75,000 tpy CO2e instead of			
19.904(G)(3)	9-7	"emissions increase"	and 40 C.F.R. § 52.21(b)(23)(ii)	11/29/2005	52.32(b)(23)(ii))		Several changes to (b)(3) since 2005; (b)(23) also has several changes in 2008.
		new major source						
19.1004(E)(2)(a)(ii)	10-8	emissions	Clean Air Act	"effective date of this regulation"				
					EXCEPT Subpart EEEE (CAIR			
					NOx Ozone Season Allowance			
					Allocations) and all			
					references to CAIR NOx			
					Ozone Season Opt-in Units			
				CAID NON Orang Sassan Trading	which, along with Subpart			
				CAIR NOx Ozone Season Trading Program, as finalized by the EPA on				
				May 12, 2005, and further revised by				
				EPA on April 28, 2006, with correcting	following regulations	5		
				amendments on December 13, 2006,	· '			CAIR was replaced by the Cross-State Air Pollution Rule, as of January 1, 2015. Arkansas is
19.1401	14-1		40 C.F.R. Part 96, Subparts AAAA-HHHH	and on October 19, 2007,	Subpart EEEE	. 26, 2016	2016-10-26/pdf/2016-22240.pdf	required to reduce only NOx during the Ozone Season (2008 Ozone NAAQS)
						82 FR 3122, Jan.	https://www.govinfo.gov/content/pkg/FR-	Additions and revisions to several definitions in 53.301 (Deciview, Baseline visibility
19.1502	15-1	"definitions"	40 C.F.R. § 51.301	6/22/2007		10, 2017;		
					Emissions from storage or	r		
					use of water treatment			
					chemicals (no permit,			
10 A 1 Crave D	۸۲	LIADo undon this costinu	Continue 113/2	7/4/4007	unless under 112 by '97			
19, A-1, Group B,	A- 6	HAPs under this section	Section 112(r)	7/1/1997	date)			

Regulation No. 19	Page Number	Definitions/Subject	Reference	"As Of" Date	Condition/Term	Updated Federal Register Notice	Link to FR Notice	Revisions from Recent FR Notice
		NAAQS Pollutant	Federal Register Notice	Effective Date	Condition	Updated FR Notice (if applicable)	Link to FR Notice	Revisions from Recent FR Notice
		Carbon Monoxide	76 FR 54294	8/31/2011	Primary			
	Appendix B	Lead	73 FR 66964	11/12/2008	Primary and secondary	81 FR 71906 Oct 18, 2016	https://www.govinfo.gov/content/pkg/FR- 2008-11-12/pdf/E8-25654.pdf	Primary and secondary standards retained, without revision
		Nitrogen Dioxide	75 FR 6474	2/9/2010	Primary			
			61 FR 52852	10/8/1996	Secondary	77 FR 20218 April 3, 2012	https://www.govinfo.gov/content/pkg/FR- 2012-04-03/pdf/2012-7679.pdf#page=2	Existing secondary NO2 standard (1996 annual) retained, without revision.
NAAQS table		Ozone	73 FR 16436	3/27/2008	Primary and secondary	80 FR 65292 Oct 26, 2015		Primary and Secondary O3 8 hours 0.070 ppm Annual fourth-highest daily maximum 8 hour average concentration, averaged over 3 years.
		Particle Pollution, PM _{2.5} .	78 FR 3085	1/15/2013	Primary Annual		https://www.govinfo.gov/content/pkg/FR-	revised only the form of the secondary annual PM2.5 standard to remove the option for spatial averaging consistent with this change to the primary annual PM2.5 standard
		, 12.5	71 FR 61144	10/17/2006	Secondary Annual Primary and secondary 24- hour	78 FR 3085 Jan 15, 2013	2013-01-15/pdf/2012-30946.pdf#page=1	
		Particle Pollution, PM ₁₀	71 FR 61144	10/17/2006	Primary and secondary 24- hour			
			75 FR 35520	6/22/2010	Primary			
		Sulfur Dioxide	38 FR 25678	9/14/1973		77 FR 20218 April 3, 2012	https://www.govinfo.gov/content/pkg/FR- 2012-04-03/pdf/2012-7679.pdf#page=2	Existing secondary SO2 standard (3-hour average) retained, without revision.