

Permit Appendix B – General Provisions Index

Guide to Appendix B

Appendix B consists of two tables:

Table B1 – Which general provisions apply to equipment subject to Part 63 NESHAPs in this permit?

Table B1 is too wide to fit on a single page, so has been divided in thirds: the first third contains subparts T, MMMM, and PPPP; the second third contains subparts WWWW, ZZZZ, DDDDD, and HHHHHH; and the last third contains subparts NNNN, QQQQ, RRRR, and JJ.

Table B2 – General provisions requirements

Table B2 contains the requirements for the applicable general provisions from 40 CFR pt. 63, subp. A

The Permittee shall use Table B1 to determine which NESHAP general provisions are applicable to the facility, based on the applicable NESHAP. For the applicable general provisions, the Permittee shall refer to Table B2 and comply with the corresponding requirements.

Table B1: Which general provisions apply to equipment subject to the NESHAPs in this permit?

B1.1 40 CFR pt. 63, subps. T, MMMM, PPPP and JJJJJ

BCC = Batch Cold Cleaning Machines

BVI = Batch Vapor and In-line Cleaning Machines

40 CFR pt 63, subp. A	Subpart T		Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC	BVI	explanation	explanation	explanation
63.4(b)	Yes	Yes		Yes	Yes
63.5(b)(3)	No	No	Subpart T overrides the requirement for approval prior to constructing a new or reconstructing an existing major source.	Yes	No
63.5(b)(4)&(6)	Yes	Yes		Yes	No
63.6(e)(1)	Yes	Yes		Yes	No See 40 CFR Section 63.11205 for general duty requirement.
63.6(e)(3)	No	No	Subpart T overrides the requirement of a startup, shutdown, and malfunction plan. Subpart T specifies startup and shutdown procedures to be followed by an owner or operator for batch vapor and in-line cleaning machines.	No Only sources using an add-on control device to comply with the standard must complete startup, shutdown, and malfunction plans.	No Only sources using an add-on control device to comply with the standard must complete startup, shutdown, and malfunction plans.

40 CFR pt 63, subp. A	Subpart T		Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI explanation	explanation	explanation	explanation
63.6(f)(1)	Yes	Yes	No Applies only to sources using an add-on control device to comply with the standard.	No Applies only to sources using an add-on control device to comply with the standard.	No
63.6(f)(2) and (3)	Yes	Yes	Yes	Yes	
63.6(g)	Yes	Yes	Yes	Yes	
63.6(h)(1)	No	No	No	No	No
63.6(h)(2)-(9)	No	No	No	No	Yes
63.6(i)	Yes	Yes	Yes	Yes	
63.7(a)(2)	No	Yes	No Applies only to performance tests for capture system and control device efficiency at sources using these to comply with the standard.	No Applies only to performance tests for capture system and control device efficiency at sources using these to comply with the standards.	Yes
63.7(b)	No	Yes This is only required for those owners or operators that choose the idling emission standard as their compliance option.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standard.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply	Yes

40 CFR pt 63, subp. A Section	Subpart T BC C BVI explanation	Subpart MMMM explanation	Subpart PPPP explanation	Subpart JJJJJ explanation
			with the standards.	
63.7(c)(2) and (3)	No No Subpart T does not require a site-specific test plan for the idling emission performance test.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standard.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standards.	Yes
63.7(d)	No No Requirements do not apply to the idling emission performance test option.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standard.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standards.	Yes

40 CFR pt 63, subp. A	Subpart T		Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI explanation	explanation	explanation	explanation
63.7(e)	No	Yes	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standard.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standards.	
63.7(e)(1)	No	Yes	No	No	No See 40 CFR Section 63.11210.
63.7(e)(2)	No	Yes	No	No	
63.7(e)(3)	No	Yes	No	No	
63.7(g)	No	Yes	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standard.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standards.	

40 CFR pt 63, subp. A Section	Subpart T BC C BVI explanation	Subpart MMMM explanation	Subpart PPPP explanation	Subpart JJJJJ explanation
	compliance, as specified in section 63.7(e) of subpart A.			
63.8(b)	Yes Yes	Yes	Yes	Yes
63.8(c)(1)	No No	No Applies only to monitoring of capture system and add-on control device efficiency at sources using these to comply with the standard. Additional requirements for CMS operations and maintenance are specified in section 63.3968.	No Applies only to monitoring of capture system and add-on control device efficiency at sources using these to comply with the standard. Additional requirements for CMS operations and maintenance are	Yes

40 CFR pt 63, subp. A	Subpart T		Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI explanation	explanation	explanation	explanation
				specified in section 63.4568.	
63.8(c)(1)(i)	No	No	No	No	
63.8(c)(1)(ii)	No	No	No	No	Yes
63.8(c)(1)(iii)	No	No	No	No	
63.8(c)(2)-(4)	No	No	No Applies only to monitoring of capture system and add-on control device efficiency at sources using these to comply with the standard. Additional requirements for CMS operations and maintenance are specified in section 63.3968.	No Applies only to monitoring of capture system and add-on control device efficiency at sources using these to comply with the standard. Additional requirements for CMS operations and maintenance are specified in section 63.4568.	Yes

40 CFR pt 63, subp. A	Subpart T			Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI	explanation	explanation	explanation	explanation
63.8(c)(5)	No	No		No Subpart MMMM does not have opacity or visible emission standards.	No Subpart PPPP does not have opacity or visible emission standards.	Yes
63.8(c)(6)-(8)	No	No		No Section 63.3968 specifies the requirements for monitoring systems for capture systems and add-on control devices at sources using these to comply.	No Section 63.4568 specifies the requirements for monitoring systems for capture systems and add-on control devices at sources using these to comply.	Yes
63.8(d)	No	No	Subpart T does not require the use of continuous monitoring systems to demonstrate compliance.	No Subpart MMMM does not require the use of continuous emissions monitoring systems.	No Subpart PPPP does not require the use of continuous emissions monitoring systems.	Yes For (d)(1) and (d)(2); For (d)(3) - Yes, except for the last sentence, which refers to an SSM plan. SSM plans are not required.
63.8(e)	No	No	Subpart T does not require the use of continuous monitoring systems to demonstrate compliance.	No Subpart MMMM does not require the use of continuous emissions monitoring systems.	No Subpart PPPP does not require the use of continuous emissions monitoring systems.	Yes

40 CFR pt 63, subp. A	Subpart T			Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI	explanation	explanation	explanation	explanation
63.8(f)	Yes	Yes		Yes	Yes	Yes
63.8(g)	No	No	Subpart T does not require continuous opacity monitoring systems and continuous monitoring systems data.	No Sections 63.3967 and 63.3968 specify monitoring data reduction.	No Sections 63.4567 and 63.4568 specify monitoring data reduction.	Yes
63.9						Yes Yes, excluding the information required in 40 CFR Section 63.9(h)(2)(i)(B), (D), (E) and (F). See 40 CFR Section 63.11225.
63.9(b)(1)	Yes	Yes		Yes	Yes	
63.9(b)(2)	Yes	Yes	Subpart T includes all of those requirements stated in subpart A, except that subpart A also requires a statement as to whether the affected source is a major or an area source, and an identification of the relevant standard (including the source's compliance date). Subpart T also has some	Yes	Yes	

40 CFR pt 63, subp. A	Subpart T		Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI explanation	explanation	explanation	explanation
		more specific information requirements specific to the affected source (see subpart T, section 63.468(a)-(b)).			
63.9(b)(4)	No	No Subpart T does not require an application for approval of construction or reconstruction.	Yes	Yes	
63.9(e)	Yes	Yes Under subpart T, this requirement only applies to owners or operators choosing to comply with the idling emissions standard.	No Applies only to capture system and add-on control device performance tests at sources using these to comply with the standard.	No Applies only to capture system and add-on control device performance tests at sources using these to comply with the standards.	
63.9(f)	No	No Subpart T does not require opacity or visible emission observations.	No Subpart MMMM does not have opacity or visible emissions standards.	No Subpart PPPP does not have opacity or visible emission standards.	

40 CFR pt 63, subp. A	Subpart T			Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI	explanation	explanation	explanation	explanation
63.9(g)(1)	No	No	Subpart T does not require the use of continuous monitoring systems or continuous opacity monitoring systems.	No	No	
63.9(g)(2)				No	No	
63.9(g)(3)				No	No	
63.9(h)	No	No	Section 63.468 of subpart T requires an initial statement of compliance for existing sources to be submitted to the Administrator no later than 150 days after the compliance date specified in section 63.460(d) of subpart T. For new sources, this report is to be submitted to the Administrator no later than 150 days from the date specified in section 63.460(c).	Yes Section 63.3910 specifies the dates for submitting the notification of compliance status.	Yes Section 63.4510 specifies the dates for submitting the notification of compliance status.	
63.9(j)	Yes	Yes		Yes	Yes	
63.10(a)	Yes	Yes		Yes	Yes	Yes
63.10(b)(1)	No	No	Recordkeeping requirements are	Yes Additional requirements are	Yes Additional requirements	Yes

40 CFR pt 63, subp. A	Subpart T			Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI	explanation	explanation	explanation	explanation
			specified in subpart T.	specified in 40 CFR Sections 63.3930 and 63.3931.	are specified in 40 CFR Sections 63.4530 and 63.4531.	
63.10(b)(2)(i)	No	No	Recordkeeping requirements are specified in subpart T.	No Requirements for startup, shutdown, and malfunction records only apply to add-on control devices used to comply with the standard.	No Requirements for startup, shutdown, and malfunction records only apply to add-on control devices used to comply with the standards.	No
63.10(b)(2)(ii)	No	No	Recordkeeping requirements are specified in subpart T.	No	No	No See 40 CFR Section 63.11225 for recordkeeping of (1) occurrence and duration and (2) actions taken during malfunctions.
63.10(b)(2)(iii)	No	No		No	No	Yes
63.10(b)(2)(iv)-(v)	No	No		No	No	No
63.10(b)(2)(vi)-(xii)	No	No		Yes	Yes	Yes
63.10(b)(2)(xiii)	No	No		No Subpart MMMM does not require the use of continuous emissions monitoring systems.	No Subpart PPPP does not require the use of continuous emissions monitoring	Yes

40 CFR pt 63, subp. A	Subpart T		Subpart MMMM	Subpart PPPP	Subpart JJJJJ		
Section	BC C	BVI explanation	explanation	explanation	explanation		
				systems.			
63.10(b)(2)(xiv)	No	No	Yes	Yes	Yes		
63.10(c)(1)-(6)	No	No	Subpart T does not require continuous monitoring systems.	Yes	Yes		
63.10(c)(7)-(8)	No	No	No	The same records are required in Section 63.3920(a)(7).	No	The same records are required in Section 63.4520(a)(7).	Yes
63.10(c)(10)-(11)	No	No	Yes	Yes	No	See 40 CFR Section 63.11225 for malfunction recordkeeping requirements.	
63.10(c)(12)-(13)	No	No	Yes	Yes	Yes	Yes	
63.10(c)(14)	No	No	Yes	Yes			
63.10(c)(15)	No	No	Yes	Yes	No		
63.10(d)(1)	Yes	Yes	Yes	Additional requirements are specified in Section 63.3920.	Yes	Additional requirements are specified in Section 63.4520.	Yes
63.10(d)(3)			No	Subpart MMMM does not require opacity or visible emissions observations.	No	Subpart PPPP does not require opacity or visible emissions observations.	No
63.10(d)(4)			Yes	Yes	Yes	Yes	

40 CFR pt 63, subp. A	Subpart T			Subpart MMMM	Subpart PPPP	Subpart JJJJJ
Section	BC C	BVI	explanation	explanation	explanation	explanation
63.10(d)(5)				No Applies only to add-on control devices at sources using these to comply with the standard.	No Applies only to add-on control devices at sources using these to comply with the standards.	No See 40 CFR Section 63.11225 for malfunction recordkeeping requirements.
63.10(e)(1)	N	No	Subpart T does not require CEMS.	No Subpart MMMM does not require CEMS.	No Subpart PPPP does not require the use of CEMS.	Yes If applicable
63.10(e)(2)	No	No	Subpart T does not require continuous emissions monitoring systems.	No Subpart MMMM does not require the use of continuous emissions monitoring systems.	No Subpart PPPP does not require the use of continuous emissions monitoring systems.	Yes If applicable
63.10(e)(2)(i)						Yes If applicable
63.10(e)(2)(ii)						Yes If applicable
63.10(e)(3)	No	No	Subpart T does not require CMS.	No Section 63.3920 (b) specifies the contents of periodic compliance reports.	No Section 63.4520(b) specifies the contents of periodic compliance reports.	Yes If applicable
63.10(e)(4)	No	No	Subpart T does not require COMS.	No Subpart MMMM does not specify requirements for	No Subpart PPPP does not specify requirements for	Yes If applicable

40 CFR pt 63, subp. A Section	Subpart T BC C BVI explanation	Subpart MMMM explanation	Subpart PPPP explanation	Subpart JJJJJ explanation
		opacity or COMS.	opacity or COMS.	
63.11	No No	No	No	No

B.1.2 40 CFR pt. 63, subps. WWWW, ZZZZ, DDDDD and HHHHHH:

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
63.4	Yes	Yes	Yes	Yes
63.5(b)(3)	Yes Existing facilities do not become reconstructed under subpart WWWW of Part 63.	Yes	Yes	Yes 40 CFR Section 63.11172 specifies the compliance dates.
63.5(b)(4)&(6)	Yes Existing facilities do not become reconstructed under subpart WWWW of Part 63.	Yes	Yes	Yes 40 CFR Section 63.11172 specifies the compliance dates.
63.6(e)(1)	Yes	No	No See Section 63.7500(a)(3) for the general duty requirement.	Yes
63.6(e)(3)	No Subpart WWWW of Part 63 requires a startup, shutdown, and malfunction plan only for sources using add-on controls.	No	No	No No startup, shutdown, and malfunction plan is required by subpart HHHHHH.
63.6(f)(1)	No Subpart WWWW of Part 63 requires compliance during periods of startup,	No	No	No Subpart HHHHHH requires compliance

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
	shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.			during periods of startup, shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.
63.6(f)(2)	Yes	Yes	Yes	Yes
63.6(g)	Yes	Yes	Yes	Yes
63.6(h)(1)	No	No	No See Section 63.7500(a)	No Subpart HHHHHH does not establish opacity or visible emission standards.
63.6(h)(2) – (9)	No	No	Yes	No
63.6(i)	Yes	Yes	Yes Facilities may request extensions of compliance for the installation of combined heat and power, waste heat recovery, or	Yes

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
			gas pipeline or fuel feeding infrastructure.	
63.7(a)(2)	No Subpart WWWW initial compliance requirements are in section 63.5840.	Yes Subpart ZZZZ contains performance test dates at section 63.6610, 63.6611, and 63.6612.	Yes	No No performance testing is required by subpart HHHHHH.
63.7(b)	Yes	Yes Except that Section 63.7(b)(1)-(2) only applies as specified in Section 63.6645.	Yes	No
63.7(c)	Yes Except that the test plan must be submitted with the notification of the performance test.	Yes Except that section 63.7(c) only applies as specified in Section 63.6645.	Yes	No
63.7(d)	Yes	Yes	Yes	No
63.7(e)	Yes Performance test requirements are contained in section 63.5850. Additional	(see below)	(see below)	No

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
	requirements for conducting performance tests for continuous lamination/casting are included in section 63.5870.			
63.7(e)(1)	Yes	No Subpart ZZZZ specifies conditions for conducting performance tests at section 63.6620.	No Subpart DDDDD specifies conditions for conducting performance tests at section 63.7520(a) to (c).	No
63.7(e)(2)	Yes	Yes Subpart ZZZZ specifies test methods at section 63.6620.	Yes	No
63.7(e)(3)-(4)	Yes	Yes	Yes	No
63.7(g)	Yes	Yes	Yes	No
63.8(b)	Yes	Yes	Yes	No Subpart HHHHHH does not require CMS.
63.8(c)(1)	Yes This section applies if you elect to use a CMS to demonstrate continuous	Yes	Yes	No Subpart HHHHHH does not require CMS.

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
	compliance with an emission limit.			
63.8(c)(1)(i)	Yes	No	No See Section 63.7500(a)(3).	No
63.8(c)(1)(ii)	Yes	Yes	Yes	No
63.8(c)(1)(iii)	Yes	No	No	No
63.8(c)(2)	Yes This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.	Yes Except that subpart ZZZZ does not require Continuous Opacity Monitoring System (COMS).	Yes	No
63.8(c)(5)	No Subpart WWWW of Part 63 does not contain opacity standards.	No Subpart ZZZZ does not require COMS.	Yes	No
63.8(c)(6)	Yes This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.	Yes Except that subpart ZZZZ does not require COMS.	Yes	No

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
63.8(d)	Yes This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.	Yes	Yes Except for the last sentence of 63.8(d)(3), which refers to a startup, shutdown, and malfunction plan (SSMP). SSMPs are not required.	No
63.8(e)	Yes This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.	Yes Except that section 63.8(e) only applies as specified in section 63.6645. Except for Section 63.8(e)(5)(ii), which applies to COMS.	Yes	No
63.8(f)(1)-(3)	Yes	Yes Except that section 63.8(f)(4) only applies as specified in section 63.6645.	Yes	No
63.8(g)	Yes	Yes	Yes	No
63.9(b)(1)	Yes	Yes Except that section 63.9(b) only applies as specified in section 63.6645.	Yes	Yes Section 63.11175 specifies notification requirements.
63.9(b)(2)	Yes	Yes Except that section 63.9(b) only applies as specified in section 63.6645.	Yes	Yes Section 63.11175 specifies notification

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH MPCA is not delegated to enforce area-source NESHAPs explanation
				requirements.
63.9(b)(4)	Yes Existing facilities do not become reconstructed under subpart WWWW of Part 63.	Yes Except that section 63.9(b) only applies as specified in section 63.6645.	Yes	Yes Section 63.11175 specifies notification requirements.
63.9(e)	Yes	Yes Except that section 63.9(e) only applies as specified in section 63.6645.	Yes	No Subpart HHHHHH does not require performance tests.
63.9(f)	No Subpart WWWW of Part 63 does not contain opacity or visible emission standards.	No Subpart ZZZZ does not contain opacity or VE standards.	Yes	No Subpart HHHHHH does not have opacity or visible emission standards.
63.9(g)(1)	Yes Applies if using a CMS to demonstrate compliance with an emission limit.	Yes Except that section 63.9(g) only applies as specified in section 63.6645.	Yes	No Subpart HHHHHH does not require the use of CMS.
63.9(g)(2)	No Subpart WWWW of Part 63 does not contain opacity emission standards.	No Subpart ZZZZ does not contain opacity or VE standards.	Yes	No Subpart HHHHHH does not require the use of CMS.

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH MPCA is not delegated to enforce area-source NESHAPs explanation
63.9(g)(3)	Yes Applies if using a CMS to demonstrate compliance with an emission limit.	Yes If alternative is in use. Also except that section 63.9(g) only applies as specified in section 63.6645.	Yes	No Subpart HHHHHH does not require the use of CMS
63.9(h)	Yes	Yes Except that notifications for CEMS are due 30 days after completion of performance evaluations. Section 63.9(h)(4) is reserved. Also, section 63.9(h) only applies as specified in section 63.6645.	Yes	No 40 CFR Section 63.11175 specifies the dates and required content for submitting the notification of compliance status.
63.9(j)	Yes	Yes	Yes	Yes 40 CFR Section 63.11176(a) specifies the dates for submitting the notification of changes report.
63.10(a)	Yes	Yes	Yes	Yes

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
63.10(b)(1)	Yes	Yes Except that the most recent 2 years of data do not have to be retained on site.	Yes	Yes Additional requirements are specified in 40 CFR Section 63.11177.
63.10(b)(2)(i)	No Only applies to facilities that use an add-on control device.	No	Yes	No Subpart HHHHHH does not require startup, shutdown, and malfunction plans, or CMS.
63.10(b)(2)(ii)			No See Section 63.7555(d)(7) for recordkeeping and section 63.7555(d)(8) for actions taken during malfunctions.	No
63.10(b)(2)(iii)			Yes	No
63.10(b)(2)(iv)-(v)			No	No
63.10(b)(2)(vii)-(xii)	Yes	Yes	Yes	Yes
63.10(b)(2)(xiii)	Yes	Yes For CO standard if using RATA alternative.	Yes	No Subpart HHHHHH does not require the use of CEMS.
63.10(b)(2)(xiv)	Yes	Yes	Yes	Yes

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
63.10(c)(1)-(6)	Yes Applies if using a CMS to demonstrate compliance with an emission limit.	Yes	Yes	No Subpart HHHHHH does not require the use of CMS.
63.10(c)(7)-(8)	Yes Applies if using a CMS to demonstrate compliance with an emission limit.	Yes	Yes	No
63.10(c)(10)-(11)	Yes Applies if using a CMS to demonstrate compliance with an emission limit.	Yes	No See section 63.7555(d)(7) for recordkeeping and section 63.7555(d)(8) for actions taken during malfunctions.	No
63.10(c)(12)-(13)	Yes Applies if using a CMS to demonstrate compliance with an emission limit.	Yes	Yes	No
63.10(c)(14)	Yes If using a CMS to demonstrate compliance with an emission limit.	Yes		No

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
63.10(c)(15)	Yes If using a CMS to demonstrate compliance with an emission limit.	Yes	No	No
63.10(d)(1)	Yes	Yes	Yes	Yes Additional requirements in 40 CFR Section 63.11176.
63.10(d)(3)	No	No	No.	No
63.10(d)(4)	Yes	Yes	Yes	Yes
63.10(d)(5)	No Applies for add-on control devices.	No	No See Section 63.7550(c)(11) for malfunction reporting requirements.	No Subpart HHHHHH does not require startup, shutdown, and malfunction reports.
63.10(e)(1)	Yes Applies for add-on control devices using CEMS to demonstrate compliance with an emission limit.	Yes	Yes	No Subpart HHHHHH does not require the use of CMS.

40 CFR pt 63, Subp. A Section	Subpart WWWW explanation	Subpart ZZZZ explanation	Subpart DDDDD explanation	Subpart HHHHHH <i>MPCA is not delegated to enforce area-source NESHAPs</i> explanation
63.10(e)(2)	Yes Applies for add-on control devices using CEMS to demonstrate compliance with an emission limit.		Yes	No
63.10(e)(2)(i)		Yes	Yes	No
63.10(e)(2)(ii)		No Subpart ZZZZ does not require COMS.	Yes	No
63.10(e)(3)	Yes Applies for add-on control devices using CEMS to demonstrate compliance with an emission limit.	Yes Except that section 63.10(e)(3)(i) (C) is reserved.	Yes	No
63.10(e)(4)	No Subpart WWWW of Part 63 does not contain opacity standards.	No Subpart ZZZZ does not require COMS.	No	No
63.11	No	No	No	No

B.1.3 Continued for 40 CFR pt. 63, subs. NNNN, QQQQ, RRRR, and JJ

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.4	Yes	Yes	Yes	Yes
63.5(b)(3)	Yes	Yes	Yes	Yes
63.5(b)(4)&(6)	Yes	Yes	Yes	Yes
63.6(e)(1)	Yes	Yes	Yes	Yes
63.6(e)(3)	No Subpart NNNN requires a startup, shutdown, and malfunction plan only for sources using add-on controls.	No Subpart QQQQ requires a startup, shutdown, and malfunction plan only for sources using add-on controls.	No Subpart RRRR requires a startup, shutdown, and malfunction plan only for sources using add-on controls.	No
63.6(f)(1)	No Subpart NNNN requires compliance during periods of startup, shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.	No Subpart QQQQ requires compliance during periods of startup, shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.	No Subpart QQQQ requires compliance during periods of startup, shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.	No Affected sources complying through the procedures specified in 40 CFR Section 63.804 (a)(1), (a)(2), (b), (c)(1), (d)(1), (d)(2), (e)(1), and (e)(2) are subject to the emission standards at all times, including periods of startup, shutdown, and malfunction.
63.6(f)(2)	Yes	Yes	Yes	Yes
63.6(g)	Yes	Yes	Yes	Yes

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.6(h)	No Subpart NNNN does not establish opacity standards and does not require continuous opacity monitoring systems (COMS).	No Subpart QQQQ does not establish opacity standards and does not require continuous opacity monitoring systems (COMS).	No Subpart RRRR does not establish opacity standards and does not require continuous opacity monitoring systems (COMS).	No
63.6(i)	Yes	Yes	Yes	Yes
63.6(j)	Yes	Yes	Yes	Yes
63.7(a)(2)	No Applies only to performance tests for capture system and control device efficiency at sources using these to comply with the standards.	No Applies only to performance tests for capture system and control device efficiency at sources using these to comply with the standards.	No Applies only to performance tests for capture system and control device efficiency at sources using these to comply with the standards.	No Applies only to affected sources using a control device to comply with the rule.
63.7(b) – 63.7(d)	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standards.	No Applies only to performance tests for capture system and add-on control device efficiency at sources using these to comply with the standards.	No Applies only to performance tests for capture system and control device efficiency at sources using these to comply with the standards.	No Applies only to affected sources using a control device to comply with the rule.

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.7(e)(1)	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No See 40 CFR Section 63.805(a)(1).
63.7(e)(2)	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to affected sources using a control device to comply with the rule.
63.7(e)(3)-(4)	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to affected sources using a control device to comply with the rule.
63.7(g)	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to performance tests for capture system and add-on control device efficiency.	No Applies only to affected sources using a control device to comply with the rule.
63.8(b)	Yes	Yes	Yes	Yes

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.8(c)(1) and (c)(1)(i) – (iii)	No Applies only to monitoring of capture system and add-on control device efficiency.	No Applies only to monitoring of capture system and add-on control device efficiency.	No Applies only to monitoring of capture system and add-on control device efficiency.	No Applies only to affected sources using a control device to comply.
63.8(c)(2)	No Applies only to monitoring of capture system and add-on control device efficiency.	No Applies only to monitoring of capture system and add-on control device efficiency.	No Applies only to monitoring of capture system and add-on control device efficiency.	No Applies only to affected sources using a control device to comply.
63.8(c)(5)	No Subpart NNNN does not contain opacity standards.	No Subpart QQQQ does not contain opacity standards.	No Subpart RRRR does not have opacity or visible emission standards.	
63.8(c)(6)	No	No	No	
63.8(d)	No Subpart NNNN does not require the use CEMS.	No Subpart QQQQ does not require the use of CEMS.	No Subpart RRRR does not require the use of CEMS.	No Applies only to affected sources using a control device to comply with the rule.

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.8(e)	No Subpart NNNN does not require the use of CEMS.	No Subpart QQQQ does not require the use of CEMS.	No Subpart RRRR does not require the use of CEMS.	No Applies only to affected sources using a control device to comply with the rule.
63.8(f)(1)-(3)	Yes	Yes	Yes	No Applies only to affected sources using a control device to comply with the rule.
63.8(g)	No 40 CFR sections 63.4167 and 63.4168 specify monitoring data reduction.	Yes 40 CFR sections 63.4767 and 63.4768 specify monitoring data reduction.	Yes 40 CFR sections 63.4966 and 63.4967 specify monitoring data reduction.	No Applies only to affected sources using a control device to comply with the rule.
63.9(b)(1)	Yes	Yes	Yes	Yes
63.9(b)(2)	Yes	Yes	Yes	Yes
63.9(b)(4)	Yes	Yes	Yes	Yes
63.9(e)	No Applies only to capture system and add-on control device performance tests.	No Applies only to capture system and add-on control device performance tests.	No Applies only to capture system and add-on control device performance tests.	No Applies only to affected sources using a control device.

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.9(f)	No Subpart NNNN does not have opacity or visible emission standards	No Subpart QQQQ does not have opacity or visible emission standards	No Subpart RRRR does not have opacity or visible emission standards	No
63.9(g)(1) – (3)	No Subpart NNNN does not require the use of CEMS.	No Subpart QQQQ does not require the use of CEMS.	No Subpart RRRR does not require the use of CEMS.	No Applies only to affected sources using a control device to comply with the rule.
63.9(h)	Yes Section 63.4110 specifies the dates for submitting the notification of compliance status	Yes Section 63.4710 specifies the dates for submitting the notification of compliance status	Yes Section 63.4710 specifies the dates for submitting the notification of compliance status	Yes 63.9(h)(2)(ii) applies only to affected sources using a control device to comply with the rule.
63.9(j)	Yes	Yes	Yes	Yes
63.10(a)	Yes	Yes	Yes	Yes
63.10(b)(1)	Yes Additional requirements are specified in sections 63.4130 and 63.4131.	Yes Additional requirements are specified in sections 63.4730 and 63.4731.	Yes Additional requirements are specified in sections 63.4930 and 63.4931.	Yes
63.10(b)(2)(i)	No Applies to facilities using an add-on control device.	No Applies to facilities using an add-on control device.	No Applies to facilities using an add-on control device.	No
63.10(b)(2)(ii)	No	No	No	No See section 63.806(k) for recordkeeping

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.10(b)(2)(iii)	No	No	No	No Applies only to affected sources using a control device.
63.10(b)(2)(iv)-(v)	No	No	No	No
63.10(b)(2)(vii)-(xii)	Yes	Yes	Yes	No
63.10(b)(2)(xiii)	No Subpart NNNN does not require the use of CEMS.	No Subpart QQQQ does not require the use of CEMS.	No Subpart RRRR does not require the use of CEMS.	No Applies only to affected sources using a control device.
63.10(b)(2)(xiv)	Yes	Yes	Yes	No Applies only to affected sources using a control device to comply with the rule.
63.10(c)(1)-(6)	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes
63.10(c)(7)-(8)	No The same records are required in section 63.4120(a)(7).	No The same records are required in section 63.4720(a)(7).	No The same records are required in section 63.4920(a)(7).	Yes
63.10(c)(10)-(11)	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	No See §63.806(k) for recordkeeping of malfunctions.

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.10(c)(12)- (13)	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes
63.10(c)(14)	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit..	Yes
63.10(c)(15)	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	Yes Applies if you use a CMS to demonstrate compliance with an emission limit..	Yes Applies if you use a CMS to demonstrate compliance with an emission limit.	No
63.10(d)(1)	Yes Additional requirements are specified in section 63.4120.	Yes Additional requirements are specified in section 63.4720.	Yes Additional requirements are specified in section 63.4920.	Yes
63.10(d)(3)	No Subpart NNNN does not require the use of CEMS.	No Subpart QQQQ does not require the use of CEMS.	No Subpart RRRR does not require the use of CEMS.	No
63.10(d)(4)	Yes	Yes	Yes	Yes
63.10(d)(5)	No Applies only to add-on control devices.	No Applies only to add-on control devices.	No Applies only to add-on control devices.	No See section 63.807(c)(3) for reporting of malfunctions.

40 CFR pt 63, Subp. A Section	Subpart NNNN explanation	Subpart QQQQ explanation	Subpart RRRR explanation	Subpart JJ explanation
63.10(e)(1)	No Subpart NNNN does not require the use of CEMS.	No Subpart QQQQ does not require the use of CEMS.	No Subpart RRRR does not require the use of CEMS.	No Applies only to affected sources using a control device to comply with the rule.
63.10(e)(2)	No Subpart NNNN does not require the use of CEMS.	No Subpart QQQQ does not require the use of CEMS.	No Subpart RRRR does not require the use of CEMS.	No Applies only to affected sources using a control device to comply with the rule.
63.10(e)(2)(i)	No	No	No	No
63.10(e)(2)(ii)	No	No	No	No
63.10(e)(3)	No Section 63.4120(b) specifies the contents of reports.	No Section 63.4720(b) specifies the contents of reports.	No Section 63.4920(b) specifies the contents of reports.	No
63.10(e)(4)	No Subpart NNNN does not specify requirements for opacity or COMS	No Subpart QQQQ does not specify requirements for opacity or COMS	No Subpart RRRR does not specify requirements for opacity or COMS	No
63.11	No Subpart NNNN does not specify use of flares for compliance.	No Subpart QQQQ does not specify use of flares for compliance.	No Subpart RRRR does not specify use of flares for compliance.	No

Table B2 – General Provisions Requirements

NESHAPS General Provisions Appendix:

Why do it	What to do
hdr	OPERATION AND MAINTENANCE REQUIREMENTS
40 CFR Section 63.4(b); Minn. R. 7011.7000	<p>Circumvention: The Permittee shall not build, erect, install, or use any article, machine, equipment, or process to conceal an emission that would otherwise constitute noncompliance with a relevant standard. Such concealment includes, but is not limited to:</p> <ol style="list-style-type: none"> 1) The use of diluents to achieve compliance with a relevant standard based on the concentration of a pollutant in the effluent discharged to the atmosphere or 2) The use of gaseous diluents to achieve compliance with a relevant standard for visible emissions.
40 CFR Section 63.5(b)(3); Minn. R. 7011.7000	Prior to construction or reconstruction of a major-emitting "affected source" under the promulgated MACT standards, the Permittee shall apply for and obtain an air emission permit.
40 CFR Section 63.5(b)(4); Minn. R. 7011.7000	After the effective date of any relevant standard promulgated by the Administrator under 40 CFR pt. 63, the Permittee who constructs a new affected source that is not major-emitting or reconstructs an affected source that is not major-emitting that is subject to such standard, or reconstructs a source such that the source becomes an affected source subject to the standard, must notify the Administrator of the intended construction or reconstruction. The notification must be submitted in accordance with the procedures in 40 CFR Section 63.9(b).
40 CFR Section 63.5(b)(6); Minn. R. 7011.7000	After the effective date of any relevant standard promulgated by the Administrator under 40 CFR pt. 63, equipment added (or a process change) to an affected source that is within the scope of the definition of affected source under the relevant standard must be considered part of the affected source and subject to all provisions of the relevant standard established for that affected source.
40 CFR Section 63.6(e)(1); Minn. R. 7011.7000	Proper Operation and Maintenance. At all times, including periods of startup, shutdown, and malfunction, the Permittee shall operate and maintain the emission unit subject to the MACT standard and any associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions at least to the levels required by any relevant standard and as detailed in 40 CFR Section 63.6(e)(1)(i)-(iii). The Permittee shall correct malfunctions as soon as practicable after their occurrence.
40 CFR Section 63.6(f)(1); Minn. R.	Applicability. The non-opacity emission standards set forth in 40 CFR Section 63.6(f)(1)-(3) shall apply at all times except during periods of startup, shutdown,

Why do it	What to do
7011.7000	and malfunction, and as otherwise specified in <applicable subpart of 40 CFR pt. 63>.
40 CFR Section 63.6(f)(2); Minn. R. 7011.7000	<p>Methods for determining compliance. The Administrator will determine compliance, in part, based on the results of performance tests, conformance with operation and maintenance requirements, review of records, and inspection of the source as specified in 40 CFR Section 63.6(f)(2)</p> <p>The Permittee may use the results of performance testing conducted previously if it meets the requirements of 40 CFR Section 63.6(f)(iii).</p>
40 CFR Section 63.6(f)(3); Minn. R. 7011.7000	Finding of compliance. The Administrator will make a finding concerning an affected source's compliance with a non-opacity emission standard upon obtaining all the compliance information required by the relevant standard.
40 CFR Section 63.6(g); Minn. R. 7011.7000	The Permittee may establish the use of an alternative nonopacity emission standard by following the procedure specified in 40 CFR Section 63.6(g).
40 CFR Section 63.6(h)(2)	Methods for determining compliance. Compliance with opacity emission standards shall be determined by conducting observations in accordance with Test Method 9 in 40 CFR, pt. 60, Appendix A or the method specified in 40 CFR Section 63.6(h)(7)(ii). Whenever a visible emission test method is not specified, compliance with visible emission standards in this part shall be determined by conducting observations in accordance with Test Method 22 in 40 CFR pt. 60, Appendix A.
40 CFR Section 63.6(h)(4)	Notification of opacity or visible emission observations. The Permittee shall notify the Administrator in writing of the anticipated date for conducting opacity or visible emission observations in accordance with 40 CFR Section 63.9(f).
40 CFR Section 63.6(h)(5)	Conduct of opacity or visible emission observations. For initial compliance, opacity or visible emission observations shall be conducted concurrently with the initial performance test unless otherwise specified in 40 CFR Section 63.6(h)(5)(A) and (B).
40 CFR Section 63.6(h)(6)	Recordkeeping. The Permittee shall make available, upon request by the Administrator, such records to determine the conditions under which the visual observations were made and shall provide evidence indicating proof of current visible observer emission certification.
40 CFR Section 63.6(h)(7)	<p>Use of a continuous opacity monitoring system.</p> <p>(i) The Permittee required to use a continuous opacity monitoring system (COMS) shall record the monitoring data produced during a performance test and shall furnish the Administrator a written report of the monitoring results in accordance with the provisions of 40 CFR Section 63.10(e)(4).</p> <p>(ii) The Permittee may submit, for compliance purposes, COMS data results produced during any performance test required under 40 CFR Section 63.7 in</p>

Why do it	What to do
	<p>lieu of Method 9 data in accordance with the process specified in 40 CFR Section 63.6(h)(7).</p> <p>(iii) COMS data shall be reduced to 6-minute averages over the duration of the mass emission performance test.</p> <p>(iv) The Permittee is responsible for demonstrating that he/she has complied with the performance evaluation requirements of 40 CFR Section 63.8(e), that the COMS has been properly maintained, operated, and data quality-assured, as specified in 40 CFR Sections 63.8(c) and (d), and that the resulting data have not been altered in any way.</p>
40 CFR Section 63.6(h)(8)	Finding of compliance. The Administrator will make a finding concerning an affected source's compliance with an opacity or visible emission standard upon obtaining all the compliance information required by the relevant standard and any information available to the Administrator needed to determine whether proper operation and maintenance practices are being used.
40 CFR Section 63.6(h)(9)	If the Administrator finds that affected source is in compliance with all relevant standards for which initial performance tests were conducted, but during the time such performance tests were conducted fails to meet any relevant opacity emission standard, the Permittee may petition the Administrator to make appropriate adjustment to the opacity emission standard for the affected source. Until the Administrator notifies the Permittee, the relevant opacity emission standard remains applicable.
40 CFR Section 63.6(i); Minn. R. 7011.7000	The Administrator may grant an extension of compliance with an emission standard, as specified in 40 CFR Section 63.6(i). Until an extension of compliance has been granted by the Administrator, the Permittee shall comply with all applicable requirements of 40 CFR pt. 63, subp. A.
hdr	PERFORMANCE TESTING REQUIREMENTS
40 CFR Section 63.7(a)(2); Minn. R. 7017.2015	Performance Test due within 180 days of <the compliance date indicated in the applicable subpart of 40 CFR pt. 63> except as provided in 40 CFR Section 63.7(a)(4).
40 CFR Section 63.7(b); Minn. R. 7017.2015	<p>Notification of performance test.</p> <p>(1) The Permittee shall notify the Administrator of their intention to conduct a performance test at least 60 calendar days before the performance test is initially scheduled to begin.</p> <p>(2) In the event the Permittee is unable to conduct the performance test on the date specified in the notification requirement due to unforeseeable circumstances, the Permittee shall notify the Administrator as soon as practicable and without delay prior to the scheduled performance test date and specify the date when the performance test is rescheduled.</p>
40 CFR Section	Submission of site-specific test plan. Before conducting a required performance

Why do it	What to do
63.7(c)(2); Minn. R. 7017.2015	test, the Permittee shall develop and if requested by the Administrator, shall submit a site-specific test plan for approval in accordance with the requirements of 40 CFR Section 63.7(c)(2).
40 CFR Section 63.7(c)(3); Minn. R. 7017.2015	Approval of site-specific test plan. The Administrator will notify the Permittee of approval or intention to deny approval of the site-specific test plan (if review of the site-specific test plan is requested) within 30 calendar days after receipt of the original plan and within 30 calendar days after receipt of any supplementary information.
40 CFR Section 63.7(d); Minn. R. 7017.2015	Performance testing facilities. The Permittee, at the request of the Administrator, shall provide performance testing facilities as specified in 40 CFR Section 63.7(d).
40 CFR Sections 63.7(e)(1); Minn. R. 7017.2015	<p>Performance tests shall be conducted under conditions representative of the affected source. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test.</p> <p>Upon request, the Permittee shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests.</p>
40 CFR Sections 63.7(e)(2); Minn. R. 7017.2015	Performance tests shall be conducted and data shall be reduced in accordance with the test methods and procedures set forth in 40 CFR Section 63.7(e), in each relevant standard, and, if required, in applicable appendices of 40 CFR parts 51, 60, 61, and 63.
40 CFR Section 63.7(e)(3); Minn. R. 7017.2015	Unless otherwise specified in a relevant standard or test method, each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the relevant standard. For the purpose of determining compliance with a relevant standard, the arithmetic mean of the results of the three runs shall apply, unless otherwise approved in accordance with provisions of 40 CFR Section 63.7(e)(3).
40 CFR Section 63.7(g); Minn. R. 7017.2015	Data analysis, recordkeeping, and reporting. Unless otherwise specified in a relevant standard or test method, or as otherwise approved by the Administrator in writing, results of a performance test shall include the analysis of samples, determination of emissions, and raw data. A performance test is "completed" when field sample collection is terminated. The Permittee shall report the results of the performance test to the Administrator before the close of business on the 60th day following the completion of the performance test, unless specified otherwise in a relevant standard or as approved otherwise in writing. The results of the performance test shall be submitted as part of the notification of compliance status required under 40 CFR Section 63.9(h) to the appropriate permitting authority.
hdr	MONITORING REQUIREMENTS

Why do it	What to do
40 CFR Section 63.8(b); Minn. R. 7017.2015	Conduct of monitoring. Monitoring shall be conducted as set forth in 40 CFR Section 63.8(a)(b)(1). When the emissions from two or more affected sources are combined before being released to the atmosphere, the Permittee may install an applicable CMS for each emission stream or for the combined emissions streams, provided the monitoring is sufficient to demonstrate compliance with the relevant standard unless other approved in accordance with 40 CFR Section 63.8(a)(b)(2).
40 CFR Section 63.8(c)(1); Minn. R. 7017.2015	Operation and maintenance of continuous monitoring systems. The Permittee shall maintain and operate each CMS in a manner consistent with good air pollution control practices.
40 CFR Section 63.8(c)(1)(i); Minn. R. 7017.2015	Operation and maintenance of continuous monitoring systems. The Permittee shall maintain and operate each CMS as specified in 40 CFR Section 63.6(e)(1).
40 CFR Section 63.8(c)(1)(ii); Minn. R. 7017.2015	Operation and maintenance of continuous monitoring systems. The Permittee shall keep the necessary parts for routine repairs of the affected CMS equipment readily available.
40 CFR Section 63.8(c)(1)(iii); Minn. R. 7017.2015	Operation and maintenance of continuous monitoring systems. The Permittee shall develop a written startup, shutdown, and malfunction plan for CMS as specified in 40 CFR Section 63.6(e)(3).
40 CFR Section 63.8(c)(2)-(4); Minn. R. 7017.2015	<p>Operation and maintenance of continuous monitoring systems.</p> <ol style="list-style-type: none"> 1) All CMS shall be installed such that representative measures of emissions or process parameters from the affected sources are obtained. In addition, CEMS shall be located according to procedures contained in the applicable performance specification(s). Unless the applicable subpart to 40 CFR pt. 63 states otherwise, the Permittee shall ensure the read out, or other indication of operation, from any CMS required for compliance with the emission standard is readily accessible on site for operational control or inspection. 2) All CMS shall be installed, operational, and the data verified prior to or in conjunction with conducting performance tests. Verification of operational status shall, at a minimum, include completion of the manufacturer's written specifications or recommendations for installation, operation, and calibration of the system. 3) Except for system breakdowns, out-of-control periods, repairs, maintenance periods, calibration checks, and zero (low-level) and high-level calibration drift adjustments, all CMS, including COMS and CEMS, shall be in continuous operation and shall meet minimum frequency of operation requirements as follows: <ol style="list-style-type: none"> i) All COMS shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data

Why do it	What to do
	<p>recording for each successive 6-minute period.</p> <p>ii) All CEMS for measuring emissions other than opacity shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.</p>
40 CFR Section 63.8(c)(5); Minn. R. 7017.2015	Operation and maintenance of continuous monitoring systems. Unless otherwise approved, minimum procedures for COMS shall include a method for producing a simulated zero opacity condition and an upscale (high-level) opacity condition using a certified neutral density filter or other related technique to produce a known obscuration of the light beam.
40 CFR Section 63.8(c)(6)-(8); Minn. R. 7017.2015	<p>Operation and maintenance of continuous monitoring systems.</p> <ol style="list-style-type: none"> 1) The Permittee of a CMS that is not a CPMS, must check the zero (low-level) and high-level calibration drifts at least once daily in accordance with the written procedure specified in the performance evaluation plan. 2) A CMS is out of control if: <ol style="list-style-type: none"> i) The zero (low-level), mid-level (if applicable), or high-level calibration drift (CD) exceeds two times the applicable CD specification in the applicable performance specification or in the relevant standard; or ii) The CMS fails a performance test audit (e.g., cylinder gas audit), relative accuracy audit, relative accuracy test audit, or linearity test audit; or iii) The COMS CD exceeds two times the limit in the applicable performance specification in the relevant standard. <p>When the CMS is out of control, the Permittee shall take the necessary corrective action and shall repeat all necessary tests which indicate that the system is out of control until the performance requirements are below the applicable limits. The beginning of the out-of-control period is the hour the Permittee conducts a performance check (e.g., calibration drift) that indicates an exceedance of the performance requirements established under this part. The end of the out-of-control period is the hour following the completion of corrective action and successful demonstration that the system is within the allowable limits. During the period the CMS is out of control, recorded data shall not be used in data averages and calculations, or to meet any data availability requirement established under this part</p> 3) The Permittee shall submit all information concerning out-of-control periods, including start and end dates and hours and descriptions of corrective actions taken, in the excess emissions and continuous monitoring system performance report.
40 CFR Section 63.8(d); Minn. R. 7017.2015	The Permittee shall develop and implement a CMS quality control program. As part of the quality control program, the Permittee shall develop and submit to the Administrator for approval upon request a site-specific performance evaluation test plan for the CMS performance evaluation required in 40 CFR

Why do it	What to do
	<p>Section 63.8(e)(3)(i). Each quality control program shall include, at a minimum, a written protocol that describes procedures for each of the following operations:</p> <ul style="list-style-type: none"> (i) Initial and any subsequent calibration of the CMS; (ii) Determination and adjustment of the calibration drift of the CMS; (iii) Preventive maintenance of the CMS, including spare parts inventory; (iv) Data recording, calculations, and reporting; (v) Accuracy audit procedures, including sampling and analysis methods; and (vi) Program of corrective action for a malfunctioning CMS. <p>The Permittee shall keep these written procedures on record for the life of the affected source, to be made available for inspection, upon request. The Permittee shall keep previous versions of the performance evaluation plan on record to be made available for inspection upon request, for a period of 5 years after each revision to the plan.</p>
<p>40 CFR Section 63.8(e); Minn. R. 7017.2015</p>	<p>Performance evaluation of continuous monitoring systems</p> <ol style="list-style-type: none"> 1) When required by a relevant standard, and at any other time the Administrator may require, the Permittee shall conduct a performance evaluation of the CMS according to the applicable specifications and procedures described in 40 CFR Section 63.8(e) or in the relevant standard. 2) Notification of performance evaluation. The Permittee shall notify the Administrator in writing of the date of the performance evaluation simultaneously with the notification of the performance test date or at least 60 days prior to the date the performance evaluation is scheduled to begin if no performance test is required. 3) Reporting performance evaluation results. The Permittee shall furnish the Administrator a copy of a written report of the results of the performance evaluation simultaneously with the results of the performance test or within 60 days of completion of the performance evaluation if no test is required, unless otherwise specified in a relevant standard.
<p>40 CFR Section 63.8(f); Minn. R. 7017.2015</p>	<p>Use of an alternative monitoring method. Until permission to use an alternative monitoring procedure has been granted by the Administrator under 40 CFR Sections 63.8(f)(1)-(6), as appropriate, the Permittee remains subject to the requirements of this section and the relevant standard.</p>
<p>40 CFR Section 63.8(g); Minn. R. 7017.2015</p>	<p>Reduction of monitoring data. The Permittee must reduce the monitoring data as specified in 40 CFR Section 63.8(g)(1)-(5).</p>
<p>hdr</p>	<p>NOTIFICATION REQUIREMENTS</p>
<p>40 CFR Section</p>	<p>Initial notification requirements apply to the Permittee when the Permittee's</p>

Why do it	What to do
63.9(b)(1); Minn. R. 7019.0100	affected source becomes subject to a relevant standard.
40 CFR Section 63.9(b)(2); Minn. R. 7019.0100	Initial Notifications: The Permittee who has an initial startup before the effective date of a relevant standard under this part shall notify the Administrator in writing that the source is subject to the relevant standard not later than 120 calendar days after the effective date of the relevant standard (or within 120 calendar days after the source becomes subject to the relevant standard). The initial notification shall include the information specified in 40 CFR Section 63.9(b)(2).
40 CFR Section 63.9(b)(4); Minn. R. 7019.0100	<p>The Permittee of a new or reconstructed major affected source for which an application for approval of construction or reconstruction is required under 40 CFR Section 63.5(d) must provide the following information in writing to the Administrator:</p> <ul style="list-style-type: none"> i) A notification of intention to construct a new major-emitting affected source, reconstruct a major-emitting affected source, or reconstruct a major source such that the source becomes a major-emitting affected source; and ii) A notification of the actual date of startup of the source, delivered or postmarked within 15 calendar days after that date.
40 CFR Section 63.9(e); Minn. R. 7019.0100	Notification of performance test. The Permittee shall notify the Administrator in writing of his or her intention to conduct a performance test at least 60 calendar days before the performance test is scheduled to begin.
40 CFR Section 63.9(f); Minn. R. 7019.0100	Notification of opacity and visible emission observations. The Permittee shall notify the Administrator in writing of the anticipated date for conducting opacity or visible emission observations. The notification shall be submitted with the notification of the performance test date, or if no performance test is required or visibility or other conditions prevent the opacity or visible emission observations from being conducted concurrently with the initial performance test. The Permittee shall deliver or postmark the notification not less than 30 days before the opacity or visible emission observations are scheduled to take place.
40 CFR Sections 63.9(g)(1)-(3); Minn. R. 7019.0100	<p>Additional notification requirements for sources with continuous monitoring systems. The Permittee shall submit to the Administrator written notification as follows:</p> <ul style="list-style-type: none"> (1) A notification of the date the CMS performance evaluation under 40 CFR Section 63.8(e) is scheduled to begin, submitted simultaneously with the notification of the performance test date required under 40 CFR Section 63.7(b). If no performance test is required, or if the requirement to conduct a performance test has been waived, the Permittee shall notify the Administrator in writing of the date of the performance evaluation at least 60 calendar days before the evaluation is scheduled to begin;

Why do it	What to do
	<p>(2) A notification that COMS data results will be used to determine compliance with the applicable opacity emission standard during a performance test required by 40 CFR Section 63.7 in lieu of Method 9 or other opacity emissions test method data. The notification shall be submitted at least 60 calendar days before the performance test is scheduled to begin; and</p> <p>(3) A notification that the criterion necessary to continue use of an alternative to relative accuracy testing, as provided by 40 CFR Section 63.8(f)(6), has been exceeded. The notification shall be delivered or postmarked no later than 10 days after the occurrence of such exceedance, and it shall include a description of the nature and cause of the increased emissions.</p>
<p>40 CFR Section 63.9(h); Minn. R. 7019.0100</p>	<p>Notification of compliance status.</p> <p>Each time a notification of compliance status is required under 40 CFR pt. 63, subp. A, the Permittee shall submit to the MPCA a notification of compliance status containing the information required by 40 CFR Section 63.9(h), signed by the responsible official who shall certify its accuracy, attesting to whether the source has complied with the relevant standard.</p> <p>The notification must be sent by the 60th day following the completion of the relevant compliance demonstration activity specified in the relevant standard. If no performance test is required but opacity or visible emission observations are required, the notification of compliance status shall be sent by the 30th day following the completion of opacity or visible emission observations.</p> <p>Notifications may be combined as long as the due date requirement for each notification is met.</p>
<p>40 CFR Section 63.9(j); Minn. R. 7019.0100</p>	<p>Notification of information change. Any change in the information already provided under 40 CFR Section 63.9 shall be provided to the Administrator in writing within 15 calendar days after the change.</p>
<p>hdr</p>	<p>RECORDKEEPING AND REPORTING REQUIREMENTS</p>
<p>40 CFR Section 63.10(a); Minn. R. 7019.0100</p>	<p>The Permittee shall submit reports to the MPCA and shall send a copy of each report to the Administrator.</p>
<p>40 CFR Section 63.10(b)(1); Minn. R. 7019.0100, subp. 2(B); Minn. R. 7019.0100</p>	<p>General recordkeeping requirements.. The Permittee shall maintain files of all information (including all reports and notifications) required by 40 CFR pt. 63 in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data must be retained on site.</p>
<p>40 CFR Section 63.10(b)(2)(iii); Minn. R. 7019.0100, subp. 2(B)</p>	<p>General recordkeeping requirements. For each affected source, the Permittee shall maintain the relevant records of</p> <ul style="list-style-type: none"> - All required maintenance performed on the air pollution control and

Why do it	What to do
	monitoring equipment.
40 CFR Sections 63.10(b)(2)(vi)-(xii); Minn. R. 7019.0100, subp. 2(B)	<p>General recordkeeping requirements. For each affected source, the Permittee shall maintain the relevant records of</p> <ul style="list-style-type: none"> - each period during which a continuous monitoring system (CMS) is malfunctioning or inoperative; - all required measurements needed to demonstrate compliance with a relevant standard; - all results of performance test, CMS performance evaluations, and opacity and visible emission observations; - all measurements as may be necessary to determine the conditions of performance tests and performance evaluations; - all CMS calibration checks; - all adjustments and maintenance performed on CMS; - any information demonstrating whether a source is meeting the requirements for a waiver of record keeping or reporting requirements under this part;
40 CFR Section 63.10(b)(2)(xiii); Minn. R. 7019.0100, subp. 2(B)	<p>General recordkeeping requirements. For each affected source, the Permittee shall maintain the relevant records of</p> <ul style="list-style-type: none"> - All emission levels relative to the criterion for obtaining permission to use an alternative to the relative accuracy test, if the source has been granted such permission under 40 CFR Section 63.8(f)(6).
40 CFR Section 63.10(b)(2)(xiv); Minn. R. 7019.0100, subp. 2(B)	<p>General recordkeeping requirements. For each affected source, the Permittee shall maintain the relevant records of</p> <ul style="list-style-type: none"> - All documents supporting initial notifications and notifications of compliance status.
40 CFR Section 63.10(c); Minn. R. 7019.0100	<p>Additional recordkeeping requirements for sources with continuous monitoring systems. The Permittee shall maintain records as specified within 40 CFR Section 63.10(c); including CMS measurements (including monitoring data recorded during breakdowns and out-of-control periods) and corrective actions.</p>
40 CFR Section 63.10(d)(1); Minn. R. 7019.0100	<p>Notwithstanding the requirements in 40 CFR Sections 63.10(d) and 63.10(e), the Permittee shall submit reports to the Administrator in accordance with the reporting requirements in the relevant standard.</p>
40 CFR Section 63.10(d)(3); Minn. R. 7019.0100	<p>Reporting results of opacity or visible emission observations. The Permittee shall report the opacity or visible emission results along with the results of the performance test. If no performance test is required, or if visibility or other conditions prevent the opacity or visible emission observations from being conducted concurrently with the performance test, the Permittee shall report the opacity or visible emission results before the close of business on the 30th day following the completion of the opacity or visible emission observations.</p>
40 CFR Section	<p>Progress reports. The Permittee who is required to submit progress reports as a</p>

Why do it	What to do
63.10(d)(4); Minn. R. 7019.0100	condition of receiving an extension of compliance under 40 CFR Section 63.6(i) shall submit such reports to the Administrator by the dates specified in the written extension of compliance.
40 CFR Section 63.10(e)(1) and (2)(i) and (ii); Minn. R. 7019.0100	<p>Additional reporting requirements for sources with continuous monitoring systems</p> <ol style="list-style-type: none"> 1) When more than one CEMS is used to measure the emissions from one affected source, the Permittee shall report the results as required for each CEMS. 2) (i) The Permittee shall furnish the Administrator a copy of a written report of the results of the CMS performance evaluation simultaneously with the results of the performance test, unless otherwise specified in the relevant standard. <ul style="list-style-type: none"> (ii) A Permittee using a COMS to determine opacity compliance during any performance test shall furnish the Administrator two or, upon request, three copies of a written report of the results of the COMS performance evaluation. The copies shall be furnished at least 15 calendar days before the performance test is conducted.
40 CFR Sections 63.10(e)(3)(i)-(iv); Minn. R. 7019.0100	Excess emissions and continuous monitoring system performance report and summary report. Excess emissions and parameter monitoring exceedances are defined in relevant standards. The Permittee shall submit an excess emissions and continuous monitoring system performance report and/or a summary report to the Administrator semiannually, except when more frequent reporting is specifically required by a relevant standard or a reduction in frequency is approved pursuant to 40 CFR Section 63.10(e)(3).
40 CFR Section 63.10(e)(3)(v); Minn. R. 7019.0100	Content and submittal dates for excess emissions and monitoring system performance reports. All excess emissions and monitoring system performance reports and all summary reports, if required, shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. Written reports of excess emissions or exceedances of process or control system parameters shall include all the information required in 40 CFR Section 63.10(c)(5)- (c)(13), in 40 CFR Section 63.8(c)(7) and 40 CFR Section 63.8(c)(8), and in the relevant standard, and they shall contain the name, title, and signature of the responsible official who is certifying the accuracy of the report. When no excess emissions or exceedances of a parameter have occurred, or a CMS has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.
40 CFR Section 63.10(e)(3)(vi); Minn. R. 7019.0100	Summary report. One summary report shall be submitted for the hazardous air pollutants monitored at each affected source (unless the relevant standard specifies that more than one summary report is required. The summary report shall be entitled "Summary Report—Gaseous and Opacity Excess Emission and Continuous Monitoring System Performance" and shall contain the information

Why do it	What to do
	specified in 40 CFR Section 63.10(e)(3)(vi).
40 CFR Section 63.10(e)(3)(vii); Minn. R. 7019.0100	If the total duration of excess emissions or process or control system parameter exceedances for the reporting period is 1 percent or greater of the total operating time for the reporting period, or the total CMS downtime for the reporting period is 5 percent or greater of the total operating time for the reporting period, both the summary report and the excess emissions and continuous monitoring system performance report shall be submitted.