

Chapter NR 460

Appendix N

General Provisions Applicability to Chapter NR 463

General Provisions Reference	Applies to Chapter NR 463?	Comment
NR 439.07 (2) (cited in s. NR 460.06 (2))	No	Section NR 463.12 (4) requires notification prior to the performance test. Section NR 463.09 (1) requires submission of a site-specific test plan upon request.
NR 439.07 (3)	Yes	
NR 439.07 (4)	Yes	
NR 439.07 (6) (a)	No	Section NR 463.09 (1) specifies what the test plan should contain, but does not require test plan approval or performance audit samples.
NR 439.07 (6) (intro.) and (b) to (d)	Yes	
NR 460.01 (1) (a)	Yes	Chapter NR 463 and this appendix clarify the applicability of each paragraph in ch. NR 460 to sources subject to ch. NR 463.
NR 460.02	Yes	Additional terms are defined in s. NR 463.02; when overlap between ss. NR 460.02 and 463.02 occurs, s. NR 463.02 takes precedence.
NR 460.03	Yes	Other units used in ch. NR 463 are defined in that chapter.
NR 460.04	Yes	
NR 460.05 (1)	Yes	
NR 460.05 (2) (a)–(b)	Yes	Except replace “source” with “affected source.”
NR 460.05 (2) (c)–(d)	Yes	
NR 460.05 (2) (e)	Yes	Except replace “source” with “affected source.”
NR 460.05 (2) (f)	No	Provisions for new area sources that become major sources are contained in s. NR 463.06 (1) (d).
NR 460.05 (3) (a)–(b)	Yes	Except replace “source” with “affected source.”
NR 460.05 (3) (c)	No	Compliance provisions for existing area sources that become major sources are contained in s. NR 463.06 (1) (c).
NR 460.05 (4)	No	Section NR 463.05 contains work practice standards (operation and maintenance requirements) that override these provisions.
NR 460.05 (5)	No	Section NR 463.04(2) specifies when the standards apply.
NR 460.05 (6)	No	Chapter NR 463 does not contain any opacity or visible emission standards.
NR 460.05 (7) (a)	Yes	
NR 460.05 (7) (b)	Yes	Except replace “source” with “affected source.”
NR 460.05 (7) (c) 1.	No	Section NR 463.06 (2) specifies the procedures for obtaining a compliance date extension and the date by which such requests must be submitted.

General Provisions Applicability to Chapter NR 463 (Continued)

General Provisions Reference	Applies to Chapter NR 463?	Comment
NR 460.05 (7) (c) 2.	Yes	
NR 460.05 (7) (d)	Yes	
NR 460.05 (7) (e) 1.	Yes	This subdivision only references s. NR 460.05 (7) (c) for compliance date extension provisions. But, s. NR 463.06 (2) also contains provisions for requesting a compliance date extension.
NR 460.05 (7) (e) 2.	Yes	
NR 460.05 (7) (f)	Yes	
NR 460.05 (7) (g)	Yes	This paragraph only references ss. NR 460.05 (7) (c) to (e) for compliance date extension provisions, but s. NR 463.06 (2) also contains provisions for requesting a compliance date extension.
NR 460.05 (7) (h)1.-4.	Yes	
NR 460.05 (7) (h) 5. a.	Yes	This subdivision paragraph only references s. NR 460.05 (7) (c) for compliance date extension provisions. But, s. NR 463.06 (2) also contains provisions for requesting a compliance date extension.
NR 460.05 (7) (h) 5. b.	Yes	
NR 460.05 (7) (i)	Yes	
NR 460.05 (7) (j) 1.	Yes	This subdivision only references s. NR 460.05 (7) (c) 1. or (d) for compliance date extension provisions. But, s. NR 463.06 (2) also contains provisions for requesting a compliance date extension.
NR 460.05 (7) (j) 2.-3.	Yes	
NR 460.05 (7) (k)	Yes	
NR 460.05 (7) (L)	Yes	
NR 460.06 (1) (a)	Yes	
NR 460.06 (1) (b)	Yes	
NR 460.06 (2)	See NR 439.07	
NR 460.06 (3)	Yes	Except replace "source" with "affected source."
NR 460.06 (4)	Yes	Chapter NR 463 also contains test methods specific to affected sources covered by that chapter.
NR 460.06 (5)	Yes	
NR 460.06 (6) (a)	No	Chapter NR 463 identifies the items to be reported in the compliance test (s. NR 463.09 (1)) and the timeframe for submitting the results (s. NR 463.12 (6)).
NR 460.06 (6) (b)	Yes	
NR 460.06 (7) (a)-(b)	Yes	
NR 460.06 (7) (c) 1.	Yes	This subdivision only references s. NR 460.05 (7) for compliance date extension provisions. But, s. NR 463.06 (2) also contains provisions for requesting a compliance date extension.
NR 460.06 (7) (c)2.-3.	Yes	
NR 460.06 (7) (d)-(e)	Yes	
NR 460.07 (1) (a)	Yes	

General Provisions Applicability to Chapter NR 463 (Continued)

General Provisions Reference	Applies to Chapter NR 463?	Comment
NR 460.07 (1) (b)	No	Work practice standards are contained in s. NR 463.05.
NR 460.07 (1) (c)	No	
NR 460.07 (2) (a)	Yes	
NR 460.07 (2) (b)	No	Section NR 463.09 (4) specifies the monitoring location when there are multiple sources.
NR 460.07 (2) (c)	No	Section NR 463.12 (7) (d) identifies reporting requirements when multiple monitors are used.
NR 460.07 (3) (a) 1.	No	Chapter NR 463 requires proper maintenance of monitoring devices expected to be used by sources subject to ch. NR 463.
NR 460.07 (3) (a) 2.	No	Section NR 463.05 (2) (d) specifies reporting when the operation and maintenance plan is not followed.
NR 460.07 (3) (a) 3.	No	Section NR 463.05 (1) identifies the criteria for whether operation and maintenance procedures are acceptable.
NR 460.07 (3) (b)–(c)	No	Section NR 463.09 (4) (b) requires appropriate use of monitoring devices.
NR 460.07 (3) (d)–(g)	No	
NR 460.07 (4)	No	Maintenance of monitoring devices is required by ss. NR 463.05 and 463.09 (4) (b).
NR 460.07 (5)	No	There are no performance evaluation procedures for the monitoring devices expected to be used to comply with ch. NR 463.
NR 460.07 (6) (a)	No	Instances in which the department may approve alternatives to the monitoring methods and procedures are contained in s. NR 463.07 (8).
NR 460.07 (6) (b)	Yes	
NR 460.07 (6) (c)	Yes	
NR 460.07 (6) (d)	Yes	
NR 460.07 (6) (e)	No	Chapter NR 463 does not require the use of CEM's.
NR 460.07 (7)	No	Monitoring data does not need to be reduced for reporting purposes because ch. NR 463 requires measurement once/day.
NR 460.08 (1)	Yes	
NR 460.08 (2) (a)1.–2.	No	Section NR 463.06 (1) (c) requires area sources to comply with major source provisions if an increase in HAP emissions causes them to become major sources.
NR 460.08 (2) (a) 3.	No	Section NR 463.12 (3) (b) specifies initial notification requirements for new or reconstructed affected sources.
NR 460.08 (2) (b)	No	Section NR 463.12 (3) (a) specifies the information to be contained in the initial notification.
NR 460.08 (2) (c)	No	Section NR 463.12 (3) (b) specifies notification requirements for new or reconstructed sources that are not major affected sources.
NR 460.08 (2) (d)	No	
NR 460.08 (2) (e)	No	

General Provisions Applicability to Chapter NR 463 (Continued)

General Provisions Reference	Applies to Chapter NR 463?	Comment
NR 460.08 (3)	Yes	This subsection only references s. NR 460.05 (7) (c) to (e) for compliance date extension provisions. But, s. NR 463.06 (2) also contains provisions for requesting a compliance date extension. Chapter NR 463 provides a different timeframe for submitting the request than s. NR 460.05 (7) (c).
NR 460.08 (4)	Yes	This subsection only references the notification dates established in s. NR 460.08 (2). But, s. NR 463.12 also contains notification dates.
NR 460.08 (5)	No	Notification of performance test is required by s. NR 463.12 (4).
NR 460.08 (6)	No	
NR 460.08 (7)	No	Chapter NR 463 does not require a performance evaluation or relative accuracy test for monitoring devices.
NR 460.08 (8) (a)–(c)	No	Section NR 463.12 (5) specifies information to be contained in the notification of compliance status and the timeframe for submitting this information.
NR 460.08 (8) (d)	No	Similar language has been incorporated into s. NR 463.12 (4) (b) 3.
NR 460.08 (8) (e)	Yes	
NR 460.08 (9)	Yes	
NR 460.08 (10)	Yes	
NR 460.09 (1)	Yes	
NR 460.09 (2) (a)	Yes	
NR 460.09 (2) (b)	No	Section NR 463.11 (2) specifies the records that must be maintained.
NR 460.09 (2) (c)	No	Chapter NR 463 applies to major and area sources.
NR 460.09 (3) (a)	No	Applicable requirements of s. NR 460.09 (3) (a) have been incorporated into s. NR 463.11 (2).
NR 460.09 (4) (a)	Yes	
NR 460.09 (4) (b)	No	Section NR 463.12 (6) specifies the timeframe for reporting performance test results.
NR 460.09 (4) (c)	No	Chapter NR 463 does not contain opacity or visible emissions standards.
NR 460.09 (4) (d)	Yes	
NR 460.09 (4) (e)	No	Sections NR 463.05 (2) (d) and 463.12 (7) (c) specify reporting associated with malfunctions.
NR 460.09 (5)	No	Section NR 463.12 (7) and (8) specifies the frequency of periodic reports of monitoring data used to establish compliance. Applicable requirements of s. NR 460.09 (5) have been incorporated into subs. (7) and (8).
NR 460.09 (6)	Yes	
NR 460.10	No	Flares are not a control option for complying with the emission limits under ch. NR 463.

Chapter NR 460

Appendix T

General Provisions Applicability to Chapter NR 469

The general provisions of this chapter listed in the Reference column apply to batch cold cleaning machines or batch vapor and in-line cleaning machines regulated under ch. NR 469 only if a Yes appears in the same row in the BCC or BVI column, respectively. Certain provisions in other chapters which correspond to federal provisions in 40 CFR part 63 Subpart A are also included in the Reference column.

Reference	Applies to Chapter NR 469?		Comment
	BCC ¹	BVI ²	
NR 2.19 and 2.195	Yes	Yes	
NR 406	Yes	Yes	Section NR 469.12 (1) requires owners or operators who plan to construct or reconstruct a halogenated HAP solvent cleaning machine to submit an initial notification report, and specifies that that report be part of and incorporated into the application required under either s. NR 406.03 or 407.04 (1) (b) 3., whichever is appropriate.
NR 407.04 (1) (b) 3.	Yes	Yes	See comment above.
NR 460.01	Yes	Yes	This appendix specifies applicability of each paragraph in ch. NR 460 and other rules to ch. NR 469. Chapter NR 469 allows submittal of notifications and reports through the U.S. mail, fax and courier. Chapter NR 469 requires that the postmark for notifications and reports submitted through the U.S. mail or other non-governmental mail carriers be on or before deadline specified in an applicable requirement. Section NR 469.01 (1) further specifies applicability. Chapter NR 469 requires that a record of halogenated solvent cleaning machine applicability determination be kept on site for 5 years, or until the cleaning machine changes its operations. The record shall be sufficiently detailed to allow the department to make a finding about the source's applicability status with regard to ch. NR 469. Chapter NR 469 does not require continuous monitoring systems (CMS) or continuous opacity monitoring systems. Therefore, notifications and requirements for CMS and COMS specified in ch. NR 460 do not apply to ch. NR 469. The definition of administrator in s. NR 400.02 applies to chs. NR 460 to 469.
NR 460.02	Yes	Yes	Section NR 469.02 (17) and (30) definitions for existing and new overlap with the definitions for existing source and new source in s. NR 460.02 (20) and (25).
NR 460.03	Yes	Yes	
NR 460.04 (1) (a) to (c)	Yes	Yes	
NR 460.04 (1) (d)	Yes	Yes	
NR 460.04 (2)	Yes	Yes	
NR 460.05 (1)	Yes	Yes	
NR 460.05 (2) (a) to (e)	Yes	Yes	Section NR 469.01 (1) specifies compliance dates.
NR 460.05 (2) (f)	No	No	Chapter NR 469 has the same requirements for affected halogenated HAP solvent cleaning machine subcategories that are located at area sources as it does for those located at major sources.
NR 460.05 (3) (a) to (b)	Yes	Yes	
NR 460.05 (3) (c) 5.	Yes	Yes	Chapter NR 469 has the same requirements for affected halogenated HAP solvent cleaning machine subcategories that are located at area sources as it does for those located at major sources.

General Provisions Applicability to Chapter NR 469 (Continued)

Reference	Applies to Chapter NR 469?		Comment
	BCC ¹	BVI ²	
NR 460.05 (4) (a) to (b)	Yes	Yes	
NR 460.05 (4) (c)	No	No	Chapter NR 469 overrides the requirement of a startup, shutdown and malfunction plan. Sections NR 469.05 (6) and (7) specify startup and shutdown procedures to be followed by an owner or operator for batch vapor and in-line cleaning machines.
NR 460.05 (5)	Yes	Yes	
NR 460.05 (6)	No	No	Chapter NR 469 does not require compliance with an opacity or visible emission standard.
NR 460.05 (7)	Yes	Yes	
NR 460.06 (1)	No	Yes	Chapter NR 469 gives owners or operators the option to perform an idling emission performance test as a way of demonstrating compliance. Other options are also available that do not require a performance test.
NR 460.06 (2)	No	Yes	This is only required for those owners or operators that choose the idling emission standard as their compliance option. Chapter NR 469 does not require a site-specific test plan for the idling emission performance test. Chapter NR 469 does not require a performance test that involves the retrieval of gas samples, and therefore this does not apply.
NR 460.06 (3)	No	No	Requirements do not apply to the idling emission performance test option.
NR 460.06 (4)	No	Yes	
NR 460.06 (5)	No	Yes	
NR 460.06 (6)	No	Yes	Chapter NR 469 specifies what is required to demonstrate idling emission standard compliance through the use of Method 307 in Appendix A of 40 CFR part 63, incorporated by reference in s. NR 484.04 (25), and control device monitoring. Reports and records of testing and monitoring are required for compliance verification. Three runs of the test are required for compliance, as specified in s. NR 460.06 (4).
NR 460.06 (7)	No	No	Chapter NR 469 does not require the use of a performance test to comply with the standard. The idling emission standard option, which requires an idling emission performance test, is an alternative option offered to owners or operators of batch vapor and in-line cleaning machines for compliance flexibility.
NR 460.07 (1) to (2)	Yes	Yes	
NR 460.07 (3) to (5)	No	No	Chapter NR 469 does not require the use of continuous monitoring systems to demonstrate compliance.
NR 460.07 (6)	Yes	Yes	
NR 460.07 (7)	No	No	Chapter NR 469 does not require continuous opacity monitoring systems and continuous monitoring systems data.
NR 460.08 (1)	Yes	Yes	
NR 460.08 (2) (a)	Yes	Yes	

General Provisions Applicability to Chapter NR 469 (Continued)

Reference	Applies to Chapter NR 469?		Comment
	BCC ¹	BVI ²	
NR 460.08 (2) (b)	Yes	Yes	Chapter NR 469 includes all of those requirements stated in ch. NR 460, except that ch. NR 460 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. Chapter NR 469 also has some more specific information requirements specific to the affected source (see s. NR 469.12 (1)).
NR 460.08 (2) (c)	Yes	Yes	Chapter NR 460 and ch. NR 469 initial notification reports differ (see comment to NR 460.08 (2) (b)).
NR 460.08 (2) (d)	No	No	Chapter NR 469 does not require an application for approval of construction or reconstruction.
NR 460.08 (2) (e)	Yes	Yes	
NR 460.08 (3)	Yes	Yes	
NR 460.08 (4)	Yes	Yes	
NR 460.08 (5)	Yes	Yes	Under ch. NR 469, this requirement only applies to owners or operators choosing to comply with the idling emissions standard.
NR 460.08 (6)	No	No	Chapter NR 469 does not require opacity or visible emission observations.
NR 460.08 (7) (a)	No	No	Chapter NR 469 does not require the use of continuous monitoring systems or continuous opacity monitoring systems.
NR 460.08 (8)	No	No	Section NR 469.12 requires an initial statement of compliance for existing sources to be submitted to the department no later than 150 days after the compliance date specified in s. NR 469.01 (1) (d). For new sources, this report is to be submitted to the department no later than 150 days from the date specified in s. NR 469.01 (1) (c).
NR 460.08 (9)	Yes	Yes	
NR 460.08 (10)	Yes	Yes	
NR 460.09 (1)	Yes	Yes	
NR 460.09 (2)	No	No	Recordkeeping requirements are specified in s. NR 469.11.
NR 460.09 (3)	No	No	Chapter NR 469 does not require continuous monitoring systems.
NR 460.09 (4) (a)	Yes	Yes	
NR 460.09 (4) (b)	No	No	Reporting requirements are specified in s. NR 469.12.
NR 460.09 (5) (a) to (b)	No	No	Chapter NR 469 does not require continuous emissions monitoring systems.
NR 460.09 (5) (c)	No	No	Chapter NR 469 does not require continuous monitoring systems.
NR 460.09 (5) (d)	No	No	Chapter NR 469 does not require continuous opacity monitoring systems.
NR 460.09 (6)	Yes	Yes	
NR 460.10 (1)	Yes	Yes	
NR 460.10 (2)	No	No	Flares are not a control option under ch. NR 469.

¹Batch cold cleaning machines

²Batch vapor and in-line cleaning machines

Chapter NR 460

Appendix JJ

General Provisions Applicable to Chapter NR 465

The general provisions of this chapter listed under the column heading "Reference" apply to sources subject to ch. NR 465 only if a Yes appears in the same row under the column heading "Applies to Chapter NR 465?". Certain provisions in other chapters which correspond to federal provisions in 40 CFR part 63 Subpart A are also included in the Reference column.

Reference	Applies to Chapter NR 465?	Comment
NR 2.19 and 2.195	Yes	
NR 406	Yes	
NR 407.04(1)(b)3.	Yes	
NR 460.02	Yes	Additional definitions in s. NR 465.02.
NR 460.03	Yes	Additional symbols in s. NR 465.03.
NR 460.04	Yes	
NR 460.05(1)	Yes	
NR 460.05(2)(a) to (c)	Yes	
NR 460.05(2)(d)	No	
NR 460.05(2)(e) and (f)	Yes	
NR 460.05(3)(a)	Yes	
NR 460.05(3)(b)	No	
NR 460.03(3)(c)	Yes	
NR 460.05(4)	Yes	Section NR 460.05(4)(c) applies only to affected sources using a control device to comply.
NR 460.05(5)	Yes	Affected sources complying through the procedures specified in s. NR 465.06(1)(a)1. and 2., (b), (c)1., (2)(a)1. and 2. and (2)(b) are subject to the emission standards at all times, including periods of startup, shutdown and malfunction
NR 460.05(6)	No	
NR 460.05(7)(a), (b) and (c)1.	Yes	
NR 460.05(7)(c)2.	No	
NR 460.05(7)(d) to (L)	Yes	
NR 460.06	Yes	Applies only to affected sources using a control device to comply.
NR 460.07	Yes	Applies only to affected sources using a control device to comply.
NR 460.08(1) to (5)	Yes	Section NR 460.08(5) applies only to affected sources using a control device to comply.
NR 460.08(6)	No	

Appendix JJ (Continued)
General Provisions Applicable to Chapter NR 465

Reference	Applies to Chapter NR 465?	Comment
NR 460.08(7) to (10)	Yes	Section NR 460.08(7) and (8)(b)2. apply only to affected sources using a control device to comply.
NR 460.09(1) to (3) and (4)(a) and (b)	Yes	Section NR 460.09(2)(b) and (4)(b) apply only to affected sources using a control device to comply.
NR 460.09(4)(c)	No	
NR 460.09(4)(d) and (e)	Yes	Section NR 460.09(4)(e) applies only to affected sources using a control device to comply.
NR 460.09(5)	Yes	Applies only to affected sources using a control device to comply.
NR 460.09(6)	Yes	
NR 460.10	No	
NR 484.04	Yes	

Chapter NR 460**Appendix KK****General Provisions Applicability to Chapter NR 466**

The general provisions of this chapter listed under the column heading "Reference" apply to sources subject to ch. NR 466 only if a Yes appears in the same row under the column heading "Applies to Chapter NR 466?". Certain provisions in other chapters which correspond to federal provisions in 40 CFR part 63 Subpart A are also included in the Reference column.

Reference	Applies to Chapter NR 466?	Comment
NR 2.19 and 2.195	Yes	
NR 406	Yes	
NR 407.04 (1) (b) 3.	Yes	
NR 460.02	Yes	Additional definitions in s. NR 466.02
NR 460.03	Yes	
NR 460.04	Yes	
NR 460.05 (1) to (5)	Yes	Provisions in s. NR 460.05 (4) pertaining to startups, shutdowns, malfunctions, and CMS do not apply unless an add-on control system is used.
NR 460.05 (6)	No	Chapter NR 466 does not require COMS.
NR 460.05 (7)	Yes	
NR 460.06	Yes	
NR 460.07 (1) (a) and (b)	Yes	
NR 460.07 (1) (c)	No	Chapter NR 466 specifies the use of solvent recovery devices or oxidizers.
NR 460.07 (2)	Yes	
NR 460.07 (3) (a) to (c)	Yes	
NR 460.07 (3) (d)	No	Chapter NR 466 specifies CMS sampling requirements.
NR 460.07 (3) (e)	No	Chapter NR 466 does not require COMS.
NR 460.07 (3) (f) to (h)	Yes	Provisions for COMS are not applicable.
NR 460.07 (4) to (6)	Yes	
NR 460.07 (7)	No	Chapter NR 466 specifies CMS data reduction requirements.
NR 460.08 (1) to (5)	Yes	Initial notification submission date in s. NR 460.08 (2) (b) is extended.

Appendix KK (Continued)
General Provisions Applicability to Chapter NR 466

Reference	Applies to Chapter NR 466?	Comment
NR 460.08 (6)	No	Chapter NR 466 does not require opacity and visible emissions observations.
NR 460.08 (7)	Yes	Provisions for COMS are not applicable
NR 460.08 (8) to (10)	Yes	
NR 460.09 (1) to (3)	Yes	
NR 460.09 (4) (a) and (b)	Yes	
NR 460.09 (4) (c)	No	Chapter NR 466 does not require opacity and visible emission observations.
NR 460.09 (4) (d) and (e)	Yes	
NR 460.09 (5)	Yes	Provisions for COMS are not applicable.
NR 460.09 (6)	Yes	
NR 460.10	No	Chapter NR 466 specifies the use of solvent recover devices or oxidizers.
NR 484.04	Yes	