



**VIRTUAL/TELECONFERENCE
ELECTRICAL CODE ADVISORY COUNCIL
Virtual, 4822 Madison Yards Way, Madison
Contact: Brad Wojciechowski (608) 266-2112
June 24, 2024**

The following agenda describes the issues that the Council plans to consider at the meeting. At the time of the meeting, items may be removed from the agenda. Please consult the meeting minutes for a record of the actions of the Council.

AGENDA

12:00 P.M.

OPEN SESSION – CALL TO ORDER – ROLL CALL

- A. Adoption of Agenda (1-2)**
- B. Approval of the Minutes from the May 20, 2024 (3-4)**
- C. Reminders: Conflicts of Interest, Scheduling Concerns**
- D. Introductions, Announcements and Recognition**
- E. Administrative Matters – Discussion and Consideration**
 - 1) Department, Staff and Council Updates
 - 2) Advisory Council Members
 - a. Froemming, Steven
 - b. Janikowski, Ron
 - c. Jarosch, Christopher
 - d. Krueger, Kyle
 - e. Martinez, Christopher
 - f. Neitzel, Bill
- F. Legislative and Policy Matters – Discussion and Consideration**
- G. Administrative Rules Matters – Discussion and Consideration (5-9)**
 - 1) Proposed updates to SPS Rules relating to Electrical Code (6-9)
 - 2) Pending or possible rulemaking items
- H. Discussion and Consideration of Items Added After Preparation of Agenda**
 - 1) Introductions, Announcements and Recognition
 - 2) Administrative Matters
 - 3) Election of Officers
 - 4) Appointment of Liaisons and Alternates
 - 5) Delegation of Authorities
 - 6) Education and Examination Matters
 - 7) Credentialing Matters

- 8) Legislative and Policy Matters
- 9) Administrative Rule Matters
- 10) Council Liaison Training and Appointment of Mentors
- 11) Informational Items
- 12) Division of Legal Services and Compliance (DLSC) Matters
- 13) Motions
- 14) Petitions
- 15) Appearances from Requests Received or Renewed

I. Public Comments

ADJOURNMENT

NEXT MEETING: JULY 22, 2024

MEETINGS AND HEARINGS ARE OPEN TO THE PUBLIC, AND MAY BE CANCELLED WITHOUT NOTICE.

Times listed for meeting items are approximate and depend on the length of discussion and voting. All meetings are held virtually unless otherwise indicated. In-person meetings are typically conducted at 4822 Madison Yards Way, Madison, Wisconsin, unless an alternative location is listed on the meeting notice. In order to confirm a meeting or to request a complete copy of the board's agenda, please visit the Department website at <https://dsps.wi.gov>. The board may also consider materials or items filed after the transmission of this notice. Times listed for the commencement of disciplinary hearings may be changed by the examiner for the convenience of the parties. Requests for interpreters for the hard of hearing, or other accommodations, are considered upon request by contacting the Affirmative Action Officer at 608-266-2112, or the Meeting Staff at 608-266-5439.

**VIRTUAL/TELECONFERENCE
ELECTRICAL CODE ADVISORY COUNCIL
MEETING MINUTES
MAY 20, 2024**

PRESENT: Steven Froemming, Ron Janikowski, Christopher Jarosch, Christopher Martinez, Bill Neitzel

EXCUSED: Kyle Krueger

STAFF: Brad Wojciechowski, Executive Director; Joseph Ricker, Legal Counsel; Jake Pelegrin, Administrative Rules Coordinator; Ashley Sarnosky, Board Administration Specialist; and other Department Staff

CALL TO ORDER

Steven Froemming, Vice Chairperson, called the meeting to order at 12:01 p.m. A quorum was confirmed with five (5) members present.

ADOPTION OF AGENDA

MOTION: Bill Neitzel moved, seconded by Christopher Martinez, to adopt the Agenda as published. Motion carried unanimously.

APPROVAL OF MINUTES OF APRIL 22, 2024

MOTION: Bill Neitzel moved, seconded by Ron Janikowski, to approve the Minutes of April 22, 2024, as published. Motion carried unanimously.

ADMINISTRATIVE RULE MATTERS

Proposed updates to SPS Rules relating to Electrical Code

MOTION: Bill Neitzel moved, seconded by Christopher Martinez, to table SPS proposed code update item number 1a, as outlined in the 5/20/2024 agenda materials for further discussion at future meetings. Motion carried unanimously.

MOTION: Bill Neitzel moved, seconded by Ron Janikowski, to recommend accepting the deletions, and deletions only, in items 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 11d, 11e, and 11g as presented in the 5/20/2024 agenda materials. Motion carried unanimously.

MOTION: Christopher Martinez moved, seconded by Bill Neitzel, to recommend accepting the proposed modifications in items 1b, 1c, 1e, 2b, 10a, 10b, 11a, and 11d as presented in the 5/20/2024 agenda materials. Motion carried unanimously.

MOTION: Ron Janikowski moved, seconded by Christopher Jarosch, to table discussion of items 1a, 1d, 2a, 3a, 3b, 11b and 11c as presented in the 5/20/2024 agenda materials. Motion carried unanimously.

MOTION: Christopher Jarosch moved, seconded by Christopher Martinez, to recommend rejecting the proposed modifications in items 9 and 11f as presented in the 5/20/2024 agenda materials. Motion carried unanimously.

ADJOURNMENT

MOTION: Bill Neitzel moved, seconded by Christopher Martinez, to adjourn the meeting. Motion carried unanimously.

The meeting adjourned at 3:39 p.m.

DRAFT

**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and title of person submitting the request: Jake Pelegrin Administrative Rules Coordinator		2) Date when request submitted: 6/11/24 Items will be considered late if submitted after 12:00 p.m. on the deadline date which is 8 business days before the meeting																
3) Name of Board, Committee, Council, Sections: Electrical Code Advisory Council																		
4) Meeting Date: 6/24/24	5) Attachments: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? Administrative Rule Matters – Discussion and Consideration 1. Proposed updates to SPS Rules relating to Electrical Code 2. Pending or possible rulemaking items																
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session	8) Is an appearance before the Board being scheduled? <i>(If yes, please complete Appearance Request for Non-DSPS Staff)</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	9) Name of Case Advisor(s), if required: N/A																
10) Describe the issue and action that should be addressed: Attachments: -Proposed updates to SPS Rules relating to Electrical Code																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">11)</td> <td style="width: 50%; text-align: center;">Authorization</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>Jake Pelegrin</i></td> <td style="text-align: right;">6/11/24</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;">Signature of person making this request</td> <td style="border-top: 1px solid black; text-align: right;">Date</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;">Supervisor (if required)</td> <td style="border-top: 1px solid black; text-align: right;">Date</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;">Executive Director signature (indicates approval to add post agenda deadline item to agenda)</td> <td style="border-top: 1px solid black; text-align: right;">Date</td> </tr> </table>				11)	Authorization			<i>Jake Pelegrin</i>	6/11/24	Signature of person making this request		Date	Supervisor (if required)		Date	Executive Director signature (indicates approval to add post agenda deadline item to agenda)		Date
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	<i>Jake Pelegrin</i>	6/11/24																
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Executive Director signature (indicates approval to add post agenda deadline item to agenda)		Date																
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Policy Development Executive Director. 3. If necessary, provide original documents needing Board Chairperson signature to the Bureau Assistant prior to the start of a meeting.																		

ITEM NO.	CODE/RULE PROVISION	ISSUE/REASON FOR CHANGE	WT ADMIN CODE SPS SECTION AFFECTED	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGES TO SPS	PROPOSED CODE LANGUAGE	COMMENTS & STATUS
SECTION 200							
1	SPS 316.240	Delete - in entirety	SPS 316.240	DIS	316.240 Overcurrent protection. The requirements in 2017 NEC 240.67 do not apply to this chapter.		The Department no longer supports this exception and suggests that the 2023 NEC should dictate. Presented by: Craig and Scott
2	SPS 316.250	Revision - Amend	SPS 316.250	DIS	316.250 Grounding and bonding. (1) SUPPLEMENTAL ELECTRODE REQUIRED. The exception in 2011 and 2012 NEC 250.53 (A) (2) is not included as part of this chapter. (2) SUPPLEMENTAL ELECTRODE. This is a department rule in addition to the requirements in 2011 and 2017 NEC 250.53 (A) (3): A single electrode consisting of a rod, pipe or plate shall be augmented by one additional electrode of any of the types in NEC 250.52 (A)(4) to (A)(8). (3) TYPES OF EQUIPMENT GROUNDING CONDUCTORS. This is a department rule in addition to the requirements of 2017 NEC 250.118: A metallic raceway installed in direct contact with earth, in concrete slabs or floors poured on earth, in exterior concrete walls below grade shall be augmented with a supplemental equipment grounding conductor identified in NEC 250.118 (1). This supplemental conductor shall be sized in accordance with NEC 250.122. An aluminum equipment grounding conductor used for this purpose shall be insulated.	316.250 Grounding and bonding. (1) SUPPLEMENTAL ELECTRODE REQUIRED. The exception in <u>2023</u> NEC 250.53 (A) (2) is not included as part of this chapter. (2) SUPPLEMENTAL ELECTRODE. This is a department rule in addition to the requirements in <u>2023</u> NEC 250.53 (A) (3): A single electrode consisting of a rod, pipe or plate shall be augmented by one additional electrode of any of the types in NEC 250.52 (A)(4) to (A)(8). (3) TYPES OF EQUIPMENT GROUNDING CONDUCTORS. This is a department rule in addition to the requirements of <u>2023</u> NEC 250.118: A metallic raceway installed in direct contact with earth, in concrete slabs or floors poured on earth, or in exterior concrete walls below grade shall be augmented with a supplemental equipment grounding conductor identified in NEC 250.118(A) (1). This supplemental conductor shall be sized in accordance with NEC 250.122. An aluminum equipment grounding conductor used for this purpose shall be insulated.	(1), (2), (3): Updated to proposed 2023 NEC which will remove the 2017 NEC and the 2011 NEC (The 2011 NEC is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am)) Presented by: Scott, Joe, and/or Craig
SECTION 300							
3	SPS 316.300	Revision - Partial deletion and amendments	SPS 316.300	DIS	316.300 Wiring methods. (1) ELECTRICAL REQUIREMENTS FOR PRIVATE ONSITE WASTEWATER TREATMENT SYSTEMS. These department rules apply to private onsite wastewater treatment systems and are in addition to the requirements of 2011 and 2017 NEC 300: (a) Wiring methods. All effluent pump circuit wiring shall comply with the approved wiring methods as specified in NEC 300 and all of the following requirements: 1. Effluent pumps shall be supplied by a separate branch circuit supplying no other loads. 2. Alarm wiring may not be connected to the pump circuit. 3. All aboveground cables and flexible cords shall be enclosed to protect against physical damage. 4. The neutral conductor may not be common to both alarm and pump circuits. 5. Where the wiring enclosure for the alarm and pump circuit is located outside the pump chamber, any openings into the pump chamber for circuit wiring shall be sealed or plugged to prevent the passage of gas or vapor into the wiring enclosure. Note: This prohibits use of a multi-wire branch circuit to supply both the alarm and pump. Note: See NEC 430.102 for location of disconnects. (b) Ground-fault circuit protection. A single receptacle located at the pump chamber that has an alarm or pump connected to it does not require ground-fault circuit-interrupter protection. (2) PROTECTION AGAINST PHYSICAL DAMAGE. (a) The requirements specified in 2011 NEC 300.4 (D) are not included as part of this chapter. (b) This is a department exception in addition to the exceptions under 2017 NEC 300.4 (D): Exception No. 4: This distance does not need to be maintained within 8 inches of a device, junction box, splice, or termination point.	316.300 Wiring methods. (1) ELECTRICAL REQUIREMENTS FOR PRIVATE ONSITE WASTEWATER TREATMENT SYSTEMS. These department rules apply to private onsite wastewater treatment systems and are in addition to the requirements of <u>2023</u> NEC 300: (a) Wiring methods. All effluent pump circuit wiring shall comply with the approved wiring methods as specified in NEC 300 and all of the following requirements: 1. Effluent pumps shall be supplied by a separate branch circuit supplying no other loads. 2. Alarm wiring may not be connected to the pump circuit. 3. All aboveground cables and flexible cords shall be enclosed to protect against physical damage. 4. The neutral conductor may not be common to both alarm and pump circuits. 5. Where the wiring enclosure for the alarm and pump circuit is located outside the pump chamber, any openings into the pump chamber for circuit wiring shall be sealed or plugged to prevent the passage of gas or vapor into the wiring enclosure. Note: This prohibits use of a multi-wire branch circuit to supply both the alarm and pump. Note: See NEC 430.102 for location of disconnects. (2) PROTECTION AGAINST PHYSICAL DAMAGE. (b) This is a department exception in addition to the exceptions under <u>2023</u> NEC 300.4 (D): Exception No. 4: This distance does not need to be maintained within 8 inches of a device, junction box, splice, or termination point.	(1): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. (1)(b): With the deletions and modifications the Department no longer supports this exception and suggests that the 2023 NEC should dictate. (2)(a): References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am). (2)(b): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. Continue with numbering for consistency. The Department would like to have the numbering remain to reduce confusion. Presented by: Scott, Joe, and/or Craig
3a		Revision - Amend	SPS 316.300(1)	DIS	316.300 Wiring methods. (1) ELECTRICAL REQUIREMENTS FOR PRIVATE ONSITE WASTEWATER TREATMENT SYSTEMS. These department rules apply to private onsite wastewater treatment systems and are in addition to the requirements of 2011 and 2017 NEC 300:	316.300 Wiring methods. (1) ELECTRICAL REQUIREMENTS FOR PRIVATE ONSITE WASTEWATER TREATMENT SYSTEMS. These department rules apply to private onsite wastewater treatment systems and are in addition to the requirements of <u>2023</u> NEC 300:	(1): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. Presented by: Scott, Joe, and/or Craig
3b		Delete - in entirety	SPS 316.300(1)(b)	DIS	316.300 Wiring methods. (1) ELECTRICAL REQUIREMENTS FOR PRIVATE ONSITE WASTEWATER TREATMENT SYSTEMS. (b) Ground-fault circuit protection. A single receptacle located at the pump chamber that has an alarm or pump connected to it does not require ground-fault circuit-interrupter protection.		(1)(b): The Department no longer supports this exception and suggests that the 2023 NEC should dictate. Manufacturers instructions requires the use of GFCI protected circuit this contradicts this code language. Presented by: Craig, Joe, and/or Scott
3c		Delete - in entirety	SPS 316.300(2)(a)	DIS	316.300 Wiring Methods. (2) PROTECTION AGAINST PHYSICAL DAMAGE. (a) The requirements specified in 2011 NEC 300.4 (D) are not included as part of this chapter.		(2)(a): References the 2011 NEC which no longer applies and is no longer adopted as of January 01 2020 per SPS 316.007(1)(am). Presented by: Scott, Joe, and/or Craig
3d		Revision - Amend	SPS 316.300(2)(b)	DIS	316.300 Wiring Methods (2) PROTECTION AGAINST PHYSICAL DAMAGE. (b) This is a department exception in addition to the exceptions under 2017 NEC 300.4 (D): Exception No. 4: This distance does not need to be maintained within 8 inches of a device, junction box, splice, or termination point.	316.300 Wiring Methods (2) PROTECTION AGAINST PHYSICAL DAMAGE. (b) This is a department exception in addition to the exceptions under <u>2023</u> NEC 300.4 (D): Exception No. 4: This distance does not need to be maintained within 8 inches of a device, junction box, splice, or termination point.	(2)(b): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. Continue with numbering for consistency. Presented by: Scott, Joe, and/or Craig

ITEM NO.	CODE/RULE PROVISION	ISSUE/REASON FOR CHANGE	WI ADMIN CODE SPS SECTION AFFECTED	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGES TO SPS	PROPOSED CODE LANGUAGE	COMMENTS & STATUS
4	SPS 316.310	Revision - Partial deletion and amendments	SPS 316.310	DIS	<p>316.310 Conductors for general wiring. (1) This is a department rule in addition to the requirements in 2011 NEC 310.15 (B) (3) (a). The derating factors shown in NEC Table 310.15 (B) (3) (a) do not apply to branch circuits supplying an individual dwelling unit except under the following conditions: Exception No. 6: The derating factors shown in NEC Table 310.15 (B) (3) (a) do not apply to branch circuits supplying an individual dwelling unit except under the following conditions:</p> <p>(a) Where more than two NM cables containing two or more current-carrying conductors are installed, without maintaining spacing between the cables, through the same opening in wood framing that is to be fire- or draft-stopped using thermal insulation, caulk or sealing foam, the allowable ampacity of each conductor shall be adjusted in accordance with Table 310.15 (B) (3) (a) and the provisions of 310.15 (A) (2) shall not apply.</p> <p>(b) Where more than two NM cables containing two or more current-carrying conductors are installed in contact with thermal insulation without maintaining spacing between cables, the allowable ampacity of each conductor shall be adjusted in accordance with Table 310.15 (B) (3) (a).</p> <p>(2) This is a department rule in addition to the requirements in 2017 NEC 310.15 (B) (3) (a): The derating factors shown in NEC Table 310.15 (B) (3) (a) do not apply to branch circuits supplying an individual dwelling unit.</p>	<p>316.310 Conductors for general wiring. (2) This is a department rule in addition to the requirements in <u>2023</u> NEC 310.15 <u>(C) (1)</u>: The derating factors shown in NEC Table 310.15 <u>(C) (1)</u> do not apply to branch circuits supplying an individual dwelling unit</p>	<p>(1), (1)(a), (1)(b): References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am). (2): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. The Department would like to have the numbering remain to reduce confusion. Presented by: Scott, Joe, and/or Craig</p>
4a		Delete - in entirety	SPS 316.310(1), (1)(a), and (1)(b)	DIS	<p>316.310 Conductors for general wiring. (1) This is a department rule in addition to the requirements in 2011 NEC 310.15 (B) (3) (a). The derating factors shown in NEC Table 310.15 (B) (3) (a) do not apply to branch circuits supplying an individual dwelling unit except under the following conditions: Exception No. 6: The derating factors shown in NEC Table 310.15 (B) (3) (a) do not apply to branch circuits supplying an individual dwelling unit except under the following conditions:</p> <p>(a) Where more than two NM cables containing two or more current-carrying conductors are installed, without maintaining spacing between the cables, through the same opening in wood framing that is to be fire- or draft-stopped using thermal insulation, caulk or sealing foam, the allowable ampacity of each conductor shall be adjusted in accordance with Table 310.15 (B) (3) (a) and the provisions of 310.15 (A) (2) shall not apply.</p> <p>(b) Where more than two NM cables containing two or more current-carrying conductors are installed in contact with thermal insulation without maintaining spacing between cables, the allowable ampacity of each conductor shall be adjusted in accordance with Table 310.15 (B) (3) (a).</p>		<p>(1), (1)(a), (1)(b): References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am). Presented by: Scott, Joe, and/or Craig</p>
4b		Revision - Amend	SPS 316.310(2)	DIS	<p>316.310 Conductors for general wiring. (2) This is a department rule in addition to the requirements in 2017 NEC 310.15 (B) (3) (a): The derating factors shown in NEC Table 310.15 (B) (3) (a) do not apply to branch circuits supplying an individual dwelling unit.</p>	<p>316.310 Conductors for general wiring. (2) This is a department rule in addition to the requirements in <u>2023</u> NEC 310.15 <u>(C) (1)</u>: The derating factors shown in NEC Table <u>310.15 (C) (1)</u> do not apply to branch circuits supplying an individual dwelling unit</p>	<p>(2): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. Presented by: Craig and/or Scott</p>
5	SPS 316.312	Revision - Amend	SPS 316.312	DIS	<p>316.312 Cabinets, cutout boxes and meter socket enclosures. (1) CABLES. Substitute the following wording for 2011 and 2017 NEC 312.5 (C) Exception (intro.): Exception: Cables with entirely nonmetallic sheaths may enter an enclosure through one or more nonflexible raceways of not less than 12 inches and not more than 10 feet in length, provided all of the following conditions are met:</p> <p>(2) OMISSION. The requirements specified in 2011 NEC 312.5 (C) Exception paragraph (b) and 2017 NEC 312.5 (C) Exception number 2 are not included as part of this chapter.</p> <p>(3) FITTING. Substitute the following wording for 2011 NEC 312.5 (C) Exception paragraph (c) and 2017 NEC 312.5 (C) Exception number 3: A fitting is provided on each end of the raceway to protect the cable from abrasion.</p>	<p>316.312 Cabinets, cutout boxes and meter socket enclosures. (1) CABLES. Substitute the following wording for <u>2023</u> NEC 312.5 (C) Exception (intro.): Exception: Cables with entirely nonmetallic sheaths may enter an enclosure through one or more nonflexible raceways of not less than 12 inches and not more than 10 feet in length, provided all of the following conditions are met:</p> <p>(2) OMISSION. The requirements specified in <u>2023</u> NEC 312.5 (C) Exception number 2 are not included as part of this chapter.</p> <p>(3) FITTING. Substitute the following wording for <u>2023</u> NEC 312.5 (C) Exception number 3: A fitting is provided on each end of the raceway to protect the cable from abrasion.</p>	<p>(1), (2), (3): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am), in addition the Department no longer supports this exception and the 2023 NEC should dictate. Presented by: Scott, Joe, and/or Craig</p>
6	SPS 316.314	Revision - Partial deletion and amendments	SPS 316.314	DIS	<p>316.314 Outlet, device, pull and junction boxes; conduit bodies; fittings; and handhole enclosures. (1) CONDUCTORS ENTERING BOXES, CONDUIT BODIES, OR FITTINGS. This is a department exception to the requirements of 2011 and 2017 NEC 314.17 (B) and (C): Exception: Nonmetallic sheathed cable is not required to be secured to the box or conduit body where it is installed in accordance with the wiring method specified in s. SPS 316.312.</p> <p>(2) OUTLET BOXES. This is a department rule in addition to the requirements of 2011 NEC 314.27 (A): In a dwelling unit, a ceiling outlet box installed for use as a lighting fixture outlet in a habitable room or kitchen and located where a ceiling fan could be installed shall be a type listed for ceiling fan support.</p>	<p>316.314 Outlet, device, pull and junction boxes; conduit bodies; fittings; and handhole enclosures. (1) CONDUCTORS ENTERING BOXES, CONDUIT BODIES, OR FITTINGS. This is a department exception to the requirements of <u>2023</u> NEC 314.17 (B): Exception: Nonmetallic sheathed cable is not required to be secured to the <u>enclosure</u> or conduit body where it is installed in accordance with s. SPS 316.312.</p>	<p>(1): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am). Remove reference to 314.17 (C) because former (B) and (C) are combined in (B) for the 2023 NEC. Remove extra wording since SPS 316.312 described the wiring methods already. (2): References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS</p>
6a		Revision - Amend	SPS 316.314(1)	DIS	<p>316.314 Outlet, device, pull and junction boxes; conduit bodies; fittings; and handhole enclosures. (1) CONDUCTORS ENTERING BOXES, CONDUIT BODIES, OR FITTINGS. This is a department exception to the requirements of 2011 and 2017 NEC 314.17 (B) and (C): Exception: Nonmetallic sheathed cable is not required to be secured to the box or conduit body where it is installed in accordance with the wiring method specified in s. SPS 316.312.</p>	<p>316.314 Outlet, device, pull and junction boxes; conduit bodies; fittings; and handhole enclosures. (1) CONDUCTORS ENTERING BOXES, CONDUIT BODIES, OR FITTINGS. This is a department exception to the requirements of <u>2023</u> NEC 314.17 (B): Exception: Nonmetallic sheathed cable is not required to be secured to the <u>enclosure</u> or conduit body where it is installed in accordance with s. SPS 316.312.</p>	<p>(1) Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am). Remove reference to 314.17 (C) because former (B) and (C) are combined in (B) for the 2023 NEC. Remove extra wording since SPS 316.312 described the wiring methods already.</p>
6b		Delete - in entirety	SPS 316.314(2)	DIS	<p>316.314 Outlet, device, pull and junction boxes; conduit bodies; fittings; and handhole enclosures. (2) OUTLET BOXES. This is a department rule in addition to the requirements of 2011 NEC 314.27 (A): In a dwelling unit, a ceiling outlet box installed for use as a lighting fixture outlet in a habitable room or kitchen and located where a ceiling fan could be installed shall be a type listed for ceiling fan support.</p>		<p>(2): References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am) Presented by: Craig, Joe, and/or Scott</p>

ITEM NO.	CODE/RULE PROVISION	ISSUE/REASON FOR CHANGE	WI ADMIN CODE SPS SECTION AFFECTED	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGES TO SPS	PROPOSED CODE LANGUAGE	COMMENTS & STATUS
7	SPS 316.334	Revision - Amend	SPS 316.334	DIS	<p>316.334 Nonmetallic-sheathed cable: Types NM, NMC and NMS.</p> <p>(1) USES PERMITTED. Substitute the following wording for 2011 and 2017 NEC 334.10 (3): Other structures permitted to be of Types III, IV, and V construction except as prohibited in NEC 334.12.</p> <p>(2) TYPES NM NMC, AND NMS. The requirements specified in 2011 and 2017 NEC 334.12 (A) (2) are not included as part of this chapter.</p>	<p>316.334 Nonmetallic-sheathed cable: Types NM <u>and</u> NMC.</p> <p>(1) USES PERMITTED. Substitute the following wording for <u>2023</u> NEC 334.10 (3): Other structures permitted to be of Types III, IV, and V construction except as prohibited in NEC 334.12.</p> <p>(2) TYPES NM <u>AND</u> NMC. The requirements specified in <u>2023</u> NEC 334.12 (A) (2) are not included as part of this chapter.</p>	<p>(1), (2): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am). Remove NMS wording since this type of cable is no longer supported or manufactured in the industry as of the 2020 NEC cycle.</p> <p>Presented by: Scott, Joe, and/or Craig</p>
8	SPS 316.358	Delete - in entirety	SPS 316.358	DIS	<p>SPS 316.358 Uses permitted. This is a department rule in addition to the requirements of 2011 and 2017 NEC 358.12: Electrical metallic tubing may not be used in direct contact with earth, in concrete slabs or floors poured on earth, or in exterior concrete walls below grade.</p>		<p>References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am). For the 2017 NEC, the Department no longer supports this exception and the 2023 NEC should dictate</p> <p>Presented by: Craig and Scott</p>
SECTION 400							
9	SPS 316.400	Revision - Partial Deletion, partial repeal and replace	SPS 316.400	DIS	<p>SPS 316.400 Flexible cords and cables.</p> <p>(4) This is a department exception in addition to the exception in 2011 NEC 400.8 (4): Exception No. 2: Flexible cords and cables permitted by NEC 400.7 (A) that are connected to sources other than busways may be attached to adequately supported equipment or building surfaces provided the type of cord or cable, the attachment to the building and equipment, and the support comply with the provisions of NEC 368.56 (B).</p> <p>(2) This is a department exception in addition to the exception in 2017 NEC 400.12 (4): Exception No. 2: Flexible cords and cables permitted by NEC 400.10 (A) that are connected to sources other than busways may be attached to adequately supported equipment or building surfaces provided the type of cord or cable, the attachment to the building and equipment, and the support comply with the provisions of NEC 368.56 (B).</p>	<p>SPS 316.400 Flexible cords and cables.</p> <p><u>(2) Substitute the following wording for the exception in 2023 NEC 400.12(4): Exception: Flexible cord and flexible cable may be attached to building surfaces for a use permitted under NEC 400.10(A) if all of the following apply:</u></p> <p><u>1. The source is not a busway.</u></p> <p><u>2. The equipment is adequately supported.</u></p> <p><u>3. The type of cable and attachment to the building, the equipment, and the support comply with the provisions of NEC 368.56(B) and 590.4.</u></p>	<p>(1): References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am)</p> <p>(2): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. Rewrote the provision to improve clarity and readability and to add reference to code section 590.4 for inclusion with temporary installations.</p> <p>The Department would like to have the numbering remain to reduce confusion.</p> <p>Presented by: Scott, Joe, and/or Craig</p>
9a		Delete - in entirety	SPS 316.400(1)	DIS	<p>(4) This is a department exception in addition to the exception in 2011 NEC 400.8 (4): Exception No. 2: Flexible cords and cables permitted by NEC 400.7 (A) that are connected to sources other than busways may be attached to adequately supported equipment or building surfaces provided the type of cord or cable, the attachment to the building and equipment, and the support comply with the provisions of NEC 368.56 (B)</p>		<p>(1): References the 2011 NEC which no longer applies and is no longer adopted as of January 01, 2020 per SPS 316.007(1)(am)</p> <p>Presented by: Scott, Joe, and/or Craig</p>
9b		Revision - Repeal and Replace	SPS 316.400(2)	DIS	<p>(2) This is a department exception in addition to the exception in 2017 NEC 400.12 (4): Exception No. 2: Flexible cords and cables permitted by NEC 400.10 (A) that are connected to sources other than busways may be attached to adequately supported equipment or building surfaces provided the type of cord or cable, the attachment to the building and equipment, and the support comply with the provisions of NEC 368.56 (B).</p>	<p><u>(2) Substitute the following wording for the exception in 2023 NEC 400.12(4): Exception: Flexible cord and flexible cable may be attached to building surfaces for a use permitted under NEC 400.10(A) if all of the following apply:</u></p> <p><u>1. The source is not a busway.</u></p> <p><u>2. The equipment is adequately supported.</u></p> <p><u>3. The type of cable and attachment to the building, the equipment, and the support comply with the provisions of NEC 368.56(B) and 590.4.</u></p>	<p>(2): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC. Rewrote the provision to improve clarity and readability and to add reference to code section 590.4 for inclusion with temporary installations.</p> <p>Presented by: Scott, Joe, and/or Craig</p>
10	SPS 316.404	Delete - in entirety	SPS 316.404	DIS	<p>316.404 Switches controlling lighting loads. The requirements in 2017 NEC 404.2 (C) do not apply to dwelling units</p>		<p>The Department no longer supports this exception and the 2023 NEC should dictate.</p> <p>Presented by: Craig and Scott</p>

ITEM NO.	CODE/RULE PROVISION	ISSUE/REASON FOR CHANGE	WI ADMIN CODE SPS SECTION AFFECTED	PROPOSED BY	EXISTING LANGUAGE AND PROPOSED CHANGES TO SPS	PROPOSED CODE LANGUAGE	COMMENTS & STATUS
11	SPS 316.406	Revision - Partial deletion, amendments, create new (3).	SPS 316.406	DIS	<p>316.406 Receptacles, cord connectors and attachment plugs (caps).</p> <p>(1) The requirements in 2011 and 2017 NEC 406.4 (D) (4) are not included as part of this chapter.</p> <p>(2) Substitute the following wording for 2017 NEC 406.9 (B) (1): Receptacles of 15 and 20 amperes, 125 and 250 volts installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted.</p>	<p>316.406 Receptacles, cord connectors and attachment plugs (caps).</p> <p>(1) The requirements in 2023 NEC 406.4 (D) (4) are not included as part of this chapter.</p> <p>(3) Bathtub and Shower Space. Substitute the following wording for 2023 NEC 406.9(C): Receptacles shall not be installed within or directly over a bathtub or shower stall.</p> <p>Exception: Weight supporting ceiling receptacles (WSCR) shall be permitted to be installed for listed luminaires that employ a weight supporting attachment fitting (WSAF) in damp locations complying with 410.10(D).</p> <p>Informational Note No. 1: See 210.8(A)(1) for GFCI requirements in a bathroom.</p> <p>Informational Note No. 2: See 210.11(C) for bathroom branch circuits.</p>	<p>(1): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC.</p> <p>(2): The Department does not agree with the exceptions of the 2023 NEC.</p> <p>(3): The Department is creating this SPS since all the receptacles in bathrooms require GFCI Receptacles. The Department does not agree with the exceptions of the 2023 NEC.</p> <p>Presented by: Scott, Joe, and/or Craig</p>
11a		Revision - Amend	SPS 316.406(1)	DIS	<p>316.406 Receptacles, cord connectors and attachment plugs (caps). (1) The requirements in 2011 and 2017 NEC 406.4 (D) (4) are not included as part of this chapter.</p>	<p>316.406 Receptacles, cord connectors and attachment plugs (caps). (1) The requirements in 2023 NEC 406.4 (D) (4) are not included as part of this chapter.</p>	<p>(1): Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC.</p> <p>Presented by: Scott and/or Craig</p>
11b		Delete - in entirety	SPS 316.406(2)	DIS	<p>316.406 Receptacles, cord connectors and attachment plugs (caps). (2) Substitute the following wording for 2017 NEC 406.9 (B) (1): Receptacles of 15 and 20 amperes, 125 and 250 volts installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted.</p>		<p>(2): The Department no longer supports this exception and the 2023 NEC should dictate.</p> <p>Presented by: Craig and Scott</p>
11c		Create - New (3)	SPS 316.406(3)	DIS		<p>(3) Bathtub and Shower Space. Substitute the following wording for 2023 NEC 406.9(C): Receptacles shall not be installed within or directly over a bathtub or shower stall.</p> <p>Exception: Weight supporting ceiling receptacles (WSCR) shall be permitted to be installed for listed luminaires that employ a weight supporting attachment fitting (WSAF) in damp locations complying with 410.10(D).</p> <p>Informational Note No. 1: See 210.8(A)(1) for GFCI requirements in a bathroom.</p> <p>Informational Note No. 2: See 210.11(C) for bathroom branch circuits.</p>	<p>(3): The Department is creating this SPS since all the receptacles in bathrooms require GFCI Receptacles. The Department does not agree with the exceptions of the 2023 NEC.</p> <p>Presented by: Craig, Joe, and/or Scott</p>
12	SPS 316.450	Revision - Partial deletion and amendments	SPS 316.450	DIS	<p>316.450 Transformers and transformer vaults (including secondary ties).</p> <p>(4) OVERCURRENT PROTECTION. This is a department rule in addition to the requirements in 2011 and 2017 NEC Table 450.3 (A) Note 2: The qualified person shall be either an employee at that location or an employee contracted for this purpose who is readily available.</p> <p>(2) LOCATION. Substitute the following wording for 2011 and 2017 NEC 450.41: Vaults containing oil-insulated transformers shall be located where the vaults can be ventilated to the outside air without using flues or ducts, except where a petition for variance is approved.</p>	<p>316.450 Transformers and transformer vaults (including secondary ties).</p> <p>(2) LOCATION. Substitute the following wording for 2023 NEC 450.41: Vaults containing oil-insulated transformers shall be located where the vaults can be ventilated to the outside air without using flues or ducts, except where a petition for variance is approved.</p>	<p>(1): This code is unenforceable, what does "qualified person", the employer should decide who is qualified. Therefore, Department no longer supports this exception and the 2023 NEC should dictate.</p> <p>(2): This section refers to transformer protection and must remain. Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC.</p> <p>The Department would like to have the numbering remain to reduce confusion.</p> <p>Presented by: Scott, Joe, and/or Craig</p>
12a		Delete - in entirety	SPS 316.450(1)	DIS	<p>316.450 Transformers and transformer vaults (including secondary ties). (4) OVERCURRENT PROTECTION. This is a department rule in addition to the requirements in 2011 and 2017 NEC Table 450.3 (A) Note 2: The qualified person shall be either an employee at that location or an employee contracted for this purpose who is readily available.</p>		<p>(1): This code is unenforceable, what does "qualified person", the employer should decide who is qualified. Therefore, Department no longer supports this exception and the 2023 NEC should dictate.</p> <p>Presented by: Scott, Joe, and/or Craig</p>
12b		Revision - Amend	SPS 316.450(2)	DIS	<p>316.450 Transformers and transformer vaults (including secondary ties).</p> <p>(2) LOCATION. Substitute the following wording for 2011 and 2017 NEC 450.41: Vaults containing oil-insulated transformers shall be located where the vaults can be ventilated to the outside air without using flues or ducts, except where a petition for variance is approved.</p>	<p>316.450 Transformers and transformer vaults (including secondary ties).</p> <p>(2) LOCATION. Substitute the following wording for 2023 NEC 450.41: Vaults containing oil-insulated transformers shall be located where the vaults can be ventilated to the outside air without using flues or ducts, except where a petition for variance is approved.</p>	<p>(2): This section refers to transformer protection and must remain. Modified / updated to proposed code cycle and code reference change in the 2023 NEC from the 2017 NEC.</p> <p>Presented by: Scott and/or Craig</p>