

Inspector Association Winter Update 2018



ADMINISTRATIVE UPDATE UDC PROGRAM

Presenter: Jenny Roets, UDC Consultant

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WI Building Inspector Association

WINTER UPDATE – UDC

TODAY'S AGENDA

7:45 – 8:15 am	Administrative Update	Jenny Roets
8:15 – 8:45 am	Act 211 Panel w/ overheads	
8:45 – 9:45 am	Electrical Consultants	
9:45 – 10:00 am	Break	
10:00 – 11:30 am	Current Topics in Concrete	Susan Lasecki
11:30 – 12:30 pm	Lunch	
12:30 – 2:00 pm	UDC Construction Issues: Good, Bad and Ugly	Lenny Kanter Jack Wotruba
2:00 – 2:15 pm	Break	
2:15 – 3:45 pm	Masonry Issues Per 321	Pat Conway

Mission Statement

The mission of the Department of Safety and Professional Services (DSPS) is to promote economic growth and stability while protecting the citizens of Wisconsin as designated by statute. DSPS and related professional boards protect the citizens of Wisconsin by ensuring the safe and competent practice of licensed professionals; performing inspections of commercial buildings, amusement rides, boilers, elevators, pressurized gas systems, and electrical systems; and performing plan reviews of commercial building, plumbing, fire suppression, elevators, boilers, and private onsite wastewater treatment systems.

Administrative Updates

- DSPS Organization
- Rulemaking Process
- Electronic Erosion Control Audits
- Primitive Rural Hunting Cabin
- Camping Units SPS 327
- REScheck
- Email Blasts Signup

Safety & Professional Services Department Organization

- Secretary: Laura Gutiérrez
- Deputy Secretary: Eric Esser
- Assistant Deputy Secretary: Kirsten Reader
- Division Administrator: Chris Joch

Division of Industry Services

2 Bureaus:

- **Technical Services**

Amy Millard, Bureau Director

- **Field Services**

Branden Piper, Bureau Director

Field Services Bureau

- (TBD), Section Chief over Commercial Building and Public Sector Safety Inspectors
- Kim Schmitt, Section Chief over Boilers, Mining and Elevators
- Brad Johnson, Section Chief over POWTS

Technical Services Bureau

- Mike McNally, Section Chief over UDC, Electrical & Fire Suppression Plan Review
- Steve Dobratz, Section Chief over Commercial Plan Review
- Tom Braun, Section Chief over Plumbing

UDC Program Assignments

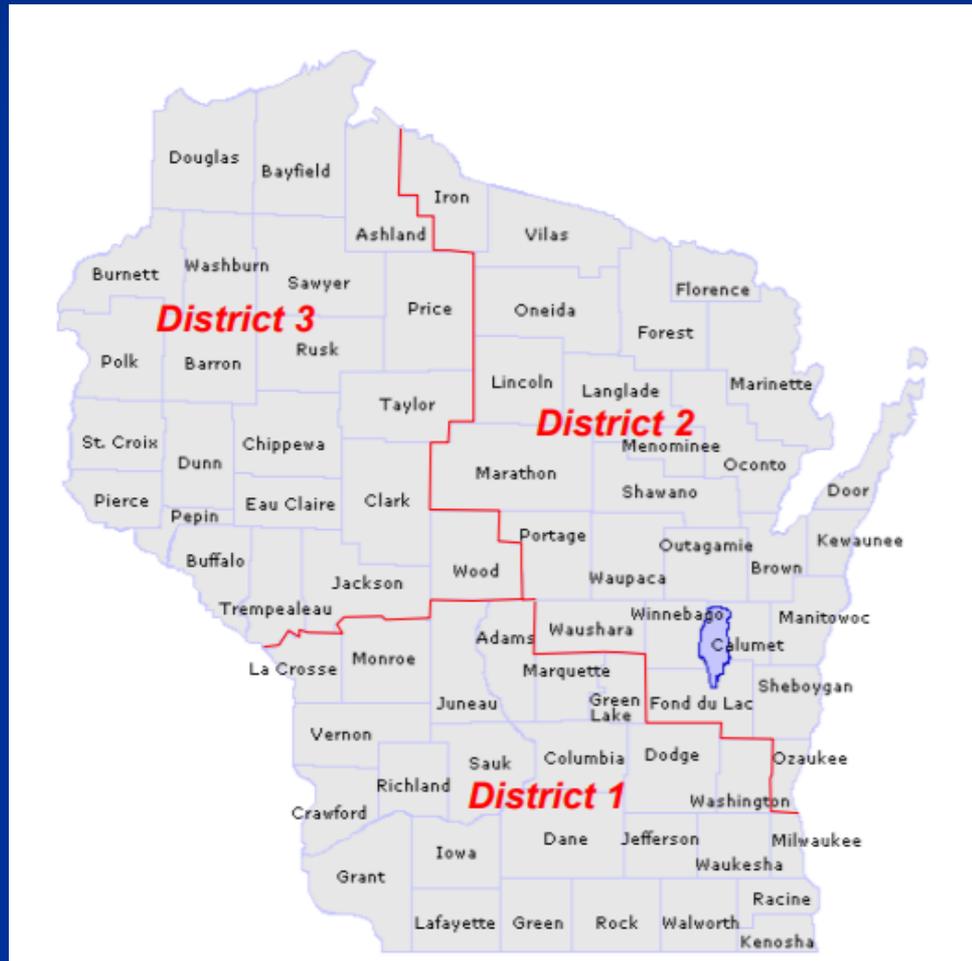
- Bureau Director : Amy Millard (608) 266-1816
- Supervisor: Mike McNally (608) 261-0342

UDC Consultants

District 1: Lenny Kanter (608) 261-6541

District 2: Jack Wotruba (920) 360-0020

District 3: Jenny Roets (608) 781-0524



Rulemaking Process

Rulemaking



State of Wisconsin
Department of Safety and Professional Services



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Welcome to DSPS!

The mission of the Department of Safety and Professional Services is to promote economic growth and stability while protecting the citizens of Wisconsin as designated by statute.

We have recently redesigned our website with you, the customer, in mind. Our new site features three-tier navigation and an enhanced search feature, making it easier to find what you need. If you need assistance, please visit our Support page.

Please note that all licenses and credentials are located under Professions, and information on Division of Industry Services Trades Programs can be found under Programs.

**PRESCRIPTION
DRUG MONITORING
PROGRAM (PDMP)**



LICENSE LOOK-UP



PLAN REVIEW



Rulemaking



Search DSPS



Suggest an Agenda Item

Please use the form below to submit an item for consideration at a board or council meeting. You may be asked for additional information or to appear at a meeting to present and explain your request. Before submitting your request, please consult the [A-Z Professions List](#) for your profession/entity-specific code which will contain the answer to most questions. Please note, neither the Department nor the Boards can respond to the following issues: potential or ongoing litigation, billing, business advice, employer / employee disputes, legal opinions, and question involving professional judgement or discretion.

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Instructions: Download, save and complete the "Public Agenda Request" form linked below. Once the form is completed and saved, close the form. Next, click on the name of the Board or Council to whom you wish submit your request. Finally, browse to and then attach your completed "Public Agenda Request" form to email your submission to DSPS.

 [Agenda Item Suggestion Form](#)



Submit Items for Consideration

Wisconsin Department of Safety and Professional Services
Division of Policy Development
1602 East Washington Avenue
PO Box 8360
Madison WI 53708-8360



Phone: 608-260-3112
Web: <http://dps.wisconsin.gov>
Email: dps@wisconsin.gov

Scott Walker, Governor
Laura Gutierrez, Secretary

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Last Name:

Association/Organization:

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Address Line 2:

City:

State:

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Phone Number: () -

Email:

Subject:

Issue to Address:

Code Update Process

- Advisory committee needs to be assembled.
 - Members may need to be from specific group, e.g. Inspectors, Contractors, A/E or material suppliers. Goal of a balanced committee of stakeholders.
- Committee review of new standard(s).
 - Typically, monthly meetings to review sections and chapters of the standards. Several codes reference multiple standards. IBC has numerous secondary references that need review.
- Statutory rulemaking process 12-18 months.
- Publication and implementation date may be delayed for seasonal reasons.

Rulemaking Process



Rulemaking Projects (In Progress)

- SPS 316 – Electrical Code update
- SPS 327 - Camping Units
- SPS 330 – Fire Department Safety and Health Standards
- SPS 361-366 - Commercial Building Code
- SPS 381-387 & 391 – Private Onsite Wastewater Treatment Systems (POWTS)
- SPS 360 – Erosion Control
- SPS 381-387 – Plumbing and Plumbing Products
- SPS 390 - Pools

Additional Rulemaking

- Additional rulemaking that DSPS is responsible for includes:
 - A/E, Chiropractic, Cosmetology, Dentistry, Medical Examining, Nursing, Optometry, Pharmacy, Psychology, Real Estate and other Boards and Councils.

Electronic Erosion Control Audit

What is it?

- Starting January 2017, DSPS began a new process of self-verification for soil erosion control plans through a DSPS-generated survey.
- Municipalities or counties will only be required to self-verify once every three years.
- UDC staff will still carry out the occasional audit in person.

The Questions

1. Municipality Information.
2. Inspector Contact Information.
3. Relationship With The Municipality. (municipal or contracted)
4. Has your municipality contracted with a different agency for erosion control enforcement of one- and two-family dwellings?
5. Name of contracted agency charged with enforcement of erosion control rules. (*only if Contracted*)
6. Number of new one- or two-family dwellings built in your municipality in the previous calendar year.
7. Have any stop work orders been issued as a result of noncompliance to SPS 321.125 in last 3 years?
8. Since the last audit, have there been substantial changes regarding the procedures used to enforce the erosion control rules in the UDC (SPS 321.125)?

Complete Survey & Done



Dedicated agency

Thank you for taking our survey and assisting the Department of Safety and Professional Services.



Prev

Done

Primitive Rural Hunting Cabins

Part of 2017 Act 59 “Budget Bill”

101.61 (1) “Dwelling” means any building that contains one or 2 dwelling units. “Dwelling unit” means a structure or that part of a structure which is used or intended to be used as a home, residence or sleeping place by one person or by 2 or more persons maintaining a common household, to the exclusion of all others. “Dwelling” and “dwelling unit” do not include a primitive rural hunting cabin.



Primitive Rural Hunting Cabins

101.61 (3) “Primitive rural hunting cabin” means a structure that satisfies all of the following:

- (a) The structure is not used as a home or residence.
- (b) The structure is used principally for recreational hunting activity.
- (c) The structure does not exceed 2 stories in height.
- (d) The structure satisfies any of the following:
 1. The structure was constructed before December 31, 1997.
 2. The structure results from alterations made to a structure described in subd. 1.
 3. The structure replaces a structure described in subd. 1.

Primitive Rural Hunting Cabins

Q: Can local codes apply to primitive rural hunting cabins?

A: Wis. Stat. §101.65(1g) of the Wisconsin statutes was created under the 2017 Wisconsin Act 59 indicating municipalities may not exercise jurisdiction over the construction or inspection of primitive rural hunting cabins meeting the criteria of Wis. Stat. §101.61(3).

Primitive Rural Hunting Cabins

Q: Are new primitive rural hunting cabins exempted from the UDC?

A: Only if the new structure meets all the criteria established in Wis. Stat. §101.61(3).



Primitive Rural Hunting Cabins

Q: Are there any size requirements for a primitive rural hunting cabin?

A: No, there is no square foot limitation; however the structure cannot exceed 2 stories in height.



Figure 3. Image of Rural Hunting Cabin. Log Homes and Cabins [n.d.]. *Recreational Cabins* [Digital image]. Retrieved from <http://www.unitedcountry.com/LogHomes/>

Camping Units – SPS 327

Submitted & Under Legislative Review

- **SPS 327.08(9)** defines Camping Unit as a wood framed structure or a tent, teepee, yurt, or other structure with fabric roof or walls that is 400 square feet or less in area, which is used for seasonal overnight camping in a campground.



Figure 4. Image of Small Cabin. Goods Home Design [n.d.]. *Hunter Log Cabin 4* [Digital image]. Retrieved from <http://www.goodshomedesign.com/the-hunter-log-cabin-for-only-5885/>

Camping Units – SPS 327

REMINDER:

All municipalities that have adopted the Uniform Dwelling Code are responsible to adopt this code in their ordinances and to permit, inspect and enforce the code.

327.06 Procedure for municipalities

(1) Municipal Jurisdiction

(b) Intent not to exercise jurisdiction.

Municipalities intending not to exercise jurisdiction over the construction and inspection of new camping units shall notify the department, in writing, within 90 days of the effective date of this code.

* Effective date of code February 6, 2017
90 days after would be May 6, 2017.



Figure 4. Image of Camping Cabin. Hobbitat Spaces [n.d.]. *Camps and Retreats* [Digital image]. Retrieved from <http://hobbitatspaces.com/camps-and-retreats/>

Camping Units – SPS 327

SPS 327 (Emergency): Camping Units

<https://dsps.wi.gov/Documents/RulesStatutes/SPS327ER.pdf>

SPS 327 (Proposed): Camping Units

<https://dsps.wi.gov/Documents/RulesStatutes/SPS327LRRD.pdf>

REScheck

Residential Code Compliance

REScheck

REScheck is a software application that has been created by the Federal Department of Energy for demonstrating compliance with building envelope requirements of various State building codes.

Effective January 1, 2016, the Wisconsin Uniform Dwelling Code updated its energy conservation code to the 2009 International Energy Conservation Code. As before, compliance with the UDC can be shown by use of the federal REScheck program. However the newest software version available on the federal DOE website no longer has the option to calculate heating plant sizing. In order to continue to offer that service, here is a link to the older version of REScheck, build version 4.6.2.0. (This may be confirmed by looking at "About" under "Help" on the menu bar of the software. Note that you may have problems if you have more than one version of REScheck on your computer). If you use this version, you must first calculate building envelope compliance by selecting the "2009 IECC" under "Code" on the menu bar, even though you may see a warning that your location requires use of the "Wisconsin 2009" code. After printing that out and without exiting REScheck, you may switch your code to "Wisconsin 2009", enter your county location and calculate your heating plant size on the Loads tab, as before.

Alternatively to size your heating plant by hand calculation after you have calculated building envelope compliance per the 2009 IECC, you would perform the following calculations, ignoring the units of measure:

1. Multiply the value in the "Your UA" field, from the Envelope tab of Rescheck, by the temperature difference for your dwelling location, which is 70 minus the value from the Outdoor Design Temperature of SPS 323.02(1) table and map in Appendix A of the UDC (link). (Note that subtracting a minus value is the same as adding.)
2. Calculate your conditioned building volume by multiplying your total conditioned floor area including basements in square feet by its average ceiling height in feet.
3. Select an air infiltration rate between 0.2 and 0.5 air changes per hour, based on your estimated dwelling envelope tightness.
4. Multiply the building volume value from step 2 by your selected air infiltration rate from step 3 and by your temperature difference and by the constant 0.018.

Add together the values from steps 1 and 4 to obtain your minimum heating plant output capacity, in BTU/hour. (Note that the UDC no longer has an over-sizing limit.)

REScheck

Residential Code Compliance

101.63 Departmental duties. The department shall:
(11) Develop and maintain computer software available to the public that provides the information, tools, and calculations required for a person to determine whether plans for the construction of, addition to, or alteration of a dwelling comply with the energy efficiency requirements of the uniform dwelling code promulgated under sub. (1).

Email Blasts

Go to: [Dps.wi.gov](https://dps.wi.gov) Click on Self-Service

The screenshot shows the homepage of the Wisconsin Department of Safety and Professional Services (DPS). At the top, there is a navigation bar with the following links: Agency Directory, Online Services, and a search bar. Below the navigation bar is a banner image of a lake with a search bar that says "Search DSPS". A blue arrow labeled "1" points to the "SELF-SERVICE" link in the navigation bar. Below the banner is a "Self-Service" section with two columns of links. The left column is titled "General" and includes links for Electronic Payments (Trades), File a Complaint, Inspections, License Look-Up, License Monitoring, Manufactured Homes Search, Monitoring, Order List of Licensees, Orders & Disciplinary Actions, Professional Assistance Procedure, Sign Up for Email, and Wall Certificate Order. The right column is titled "Professions" and includes links for Business & Health (Application Status, License Verification (OLVS), Online Licensure Application (OLAS), PIN Look-Up, Print License/Credential, Profile Update (change email, address, or name), Renew License Online), Construction/Building Trades (Continuing Education, Continuing Education Course Approval Application), Exam Information/Dates, and Renew a Credential Online. A blue arrow labeled "2" points to the "Sign Up for Email" link in the General section.

WISCONSIN.GOV Agency Directory Online Services

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License Monitoring	PIN Look-Up
Manufactured Homes Search	Print License/Credential
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DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES

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Tech Email Boxes:

- **UDC Tech Box**

- DSPSSBUDCtech@wisconsin.gov

- **Electric Tech Box**

- DSPSSBElectricTech@wisconsin.gov

- **Plumbing Tech Box**

- DSPSSBPlbgTech@wisconsin.gov



Questions?



- Jenny Roets: Jennifer.Roets@wisconsin.gov
- Lenny Kanter: Robert.Kanter@Wisconsin.gov
- Jack Wotruba: Jack.Wotruba@Wisconsin.gov

Thank you