



DIVISION OF INDUSTRY SERVICES QUARTERLY NEWSLETTER



WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES | FALL 2023

CRAIG 1300 for Wisconsin Fire Departments

DIS is implementing and offering Craig 1300 as a resource for Wisconsin Fire Departments and stakeholders. Our team has established this Statewide Community Risk Reduction (CRR) initiative to provide quality data, improve local CRR efforts, and limit civilian and firefighter casualties.

Powered by mySidewalk, CRAIG 1300 (which stands for Community Risk Assessment Insight Generator) is a digital data assistant, CRR tool that helps make better sense of data through the application of NFPA 1300, Standard on Community Risk Assessment and CRR Plan Development. CRAIG 1300 allows users to easily aggregate and analyze publicly available data, find impactful community insights faster, and share CRR research and proposals with other stakeholders using eye-popping graphs, charts, and heat maps. For Wisconsin, CRAIG 1300 will provide all our Fire Departments, and many other local, county, and state organizations, a no-cost custom dashboard on the DSPS website. The CRAIG 1300 dashboard includes five CRR indicators and NFIRS data to support Wisconsin's public safety programs with data driven CRR.

The DIS Fire Prevention/Safety & Health Program team is currently working with the mySidewalk development team to draft and create our own Wisconsin CRAIG 1300 dashboard and are anticipating this to be available before Fire Prevention Week, October 7-14, 2023. Visit [West Virginia's Craig State Plus dashboard](#) for a preview of what's to come for Wisconsin!



Delegated Agents

DSPS has the authority to delegate certain permitting, plan review, and inspection responsibilities to local municipalities or other government agencies, upon request.

Agencies submit their request for review and if approved, customers can receive delegated services from the local agency in lieu of DSPS!

See the [Delegated Agent webpage](#) for information on becoming delegated or to view the lists of delegated agents per discipline.

Congrats to DIS's Boiler Program Safety Consultant, Chris Derks!

On August 22, Chris Derks was accepted as a member of the National Board of Boiler and Pressure Vessel Inspectors (National Board). As the jurisdictional representative, he will attend National Board meetings and participate on National Board and ASME code committees. Chris has worked for DSPS since 2017 as a consultant in the Mechanical Safety program which incorporates boilers, unfired pressure vessels, mechanical refrigeration, and gas systems. He holds a National Board IS Boiler Inspector Commission and performs gas system plan reviews for bulk tank storage in Wisconsin. Congratulations Chris! DSPS thanks you for your work and looks forward to your continued growth.



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DIS PROGRAM INFO

DIS PROGRAMS

See the list of program webpages:

dsps.wi.gov/Pages/Programs

DIS TECHNICAL QUESTIONS

Each program maintains separate communication inboxes. Find these email addresses at the link below.

dsps.wi.gov/Pages/Programs/Contacts

CREDENTIAL LOOK-UP

Want to check the status of your Trades credential?

Use esla.wi.gov/publiclookup for dwelling contractor credentials, UDC inspectors, or soil professionals.

See licensesearch.wi.gov for all other credentials.

ESLA CORNER

USER GUIDE AND HELP PAGE

dsps.wi.gov/Pages/eSLAResources



New Application System for Trade Credentials Coming Early 2024

Here is what you need to know:

- The new application system is currently being utilized by our Health and Business professionals.
- Watch our videos located on the [LicensE User Guides and Videos](#) page to learn more about the system. Note that the information does not show specific trades but provides a general concept of the system.
- We are excited about the new system because it will provide a better experience for all those involved, including, but not limited to:

Easier exam signup

Easier application tracking for applicants

Easier communications between DPCP staff and applicants via support tickets

Faster processing of applications

More Information coming soon from DSPS's Division of Professional Credential Processing (DPCP)!

17th Annual Wisconsin Elevator Symposium Held In Lake Geneva September 21-22

The educational symposium for inspectors, mechanics, consultants, and others in the elevator industry is hosted by the National Association of Elevator Safety Authorities (NAESA) in collaboration with the DIS Elevator Program.



Over 200 attendees from as far away as Miami, Florida listened to safety topics presented by DSPS staff members Brian Rausch and Brian Noe, ASME code experts, and professionals from within the elevator industry.



The symposium is designed to fulfill education requirements for both certified QEI inspectors and Wisconsin State inspectors and mechanics.



Topics included ASME standards, inspection and testing procedures, elevator pit safety, Wisconsin code updates, and voice video test requirements for elevator emergency communication.

DIS Open Positions

Visit wisc.jobs to apply today!

Plumbing Plan Review/Inspector

Seeking individuals with a Wisconsin Master Plumber license at the time of application or ability to obtain one. See the ad for a potential sign-on bonus!

One position covers the Northwest counties: Douglas, Bayfield, Ashland, Iron, Burnett, Washburn, Sawyer, Price, Polk, Barron, and Rusk. [Job ID 9958](#)

The other position covers the South-Central counties: Dane, Jefferson, Rock, and Green. [Job ID 9852](#)

Electrical Inspection Consultant

This position requires independent statewide travel throughout Wisconsin to be a primary consultant on technical and complex code issues related to electrical permitting and installation. Qualified candidates will have the Wisconsin Commercial Electrical Inspector license and the Wisconsin Master Electrician license at the time of application. [Job ID 10486](#)

Commercial Building Inspector

Seeking individual(s) with a Wisconsin Commercial Building Inspector certification at the time of application. See the ad for a potential sign-on bonus!

Position territories are flexible - Inspectors will be responsible for some combination of the following counties: Florence, Forest, Langlade, Marinette, Menominee, Oconto, Shawano, Outagamie, Waupaca, Columbia, Dane, Washington, Dodge, Jefferson and Marathon, Portage, Wood, Adams, Juneau, Sauk, Ozaukee, Brown, Sawyer, Rusk, Taylor, Clark, and Lincoln. [Job ID 9572](#)

Fire Suppression Systems Plan Reviewer

This position will provide technical support and review complex fire protection system plans for compliance with relevant codes and statutes. [Job ID 10277](#)

Need a Quicker Turnaround on your Fire Protection Plan Review?

The Fire Alarm / Fire Suppression (FSFA) program would like to remind submitters to submit for plan review prior to starting construction on your project. Use the [FSFA webpage](#) to ensure your submittal is complete - this will reduce communications between submitters and DIS staff, reduce the need for additional information, and provide a quicker turnaround for your review!

Questions?

Reach out to DSPSSBFireProtech@wisconsin.gov where you will communicate with one of our reviewers!

Help reduce review time by verifying your submittal is free of these common submission mistakes and omissions.

1. Missing/improperly signed (non-qualified) third-party signature form.
2. Missing/unsigned checklist.
3. Missing/improperly signed/stamped plans.
4. Missing equipment cut sheets.
5. Missing/incorrect hydraulic/battery calcs and/or voltage drop calcs.
6. Missing/improper (generic) sequence of operations.
7. Incorrect Site ID/address/municipality.
8. Missing parent permit.
9. Missing room identification on plans.
10. Missing full height cross section on plans.

Tech Box Questions

DIS maintains program-specific email inboxes (Tech Box) to provide a general code answer or direct you to an appropriate code section, based on the question submitted.

Non-technical questions for eSLA, permits, delegated agents, and invoices have their own Tech Box! Use the appropriate Tech Box to ensure a timely response to your question. View the [full list of Tech Box emails here!](#)

See the examples below of real customer questions submitted to the Commercial Building Tech Box!

Dear DSPTS SB Building Tech,

I am writing to ask what materials need to be submitted to secure a building permit to install a rooftop ballast mounted solar PV array onto a school. Recently, the school removed the gravel ballast and replaced it with an EPDM roof. The solar array is about 3.8 psf. Would DSPTS accept a simplified dead load analysis stamped by an engineering firm, or is something more needed for the building permit?

Signed,
Solar PV Array Submittal

Dear Solar PV Array Submittal,

As the rooftop array can be creating snow drift loadings and has wind loadings that must be accounted for in structural calculations and details, a simple dead load analysis is insufficient to show compliance to commercial building code, even if stamped by a licensed professional engineer. Please see IBC 1607.12.5 provisions as well.

DSPTS SB Building Tech

Dear DSPTS SB Building Tech,

Can the posted capacity per 1004.3 for an A-2 occupancy be less than tabulated from area calculation in order to avoid sprinkler limits?

Signed,
Occupancy Requirements

Dear Occupancy Requirements,

Design accepted by the code official of jurisdiction per exception to IBC 1004.1.2 provision is the only way that a posted capacity of a Group A-2 could be less than the Table 1004.1.2 calculated occupant load. Typically, in such situations, the AHJ will require a table and chair layout be posted along with that occupant load sign to verify the provision is met.

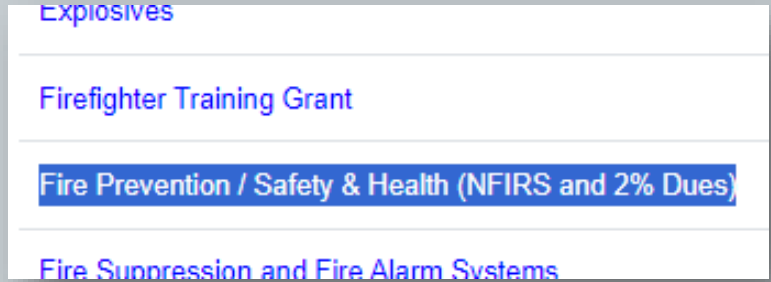
DSPTS SB Building Tech

Fire Department Health and Safety Program Merges with Fire Prevention Program

The programs have merged to become the FIRE PREVENTION / SAFETY & HEALTH program! This merger does not affect services provided by DSPS or program staff, but you will see the program webpages on the DSPS website have been consolidated to provide a one-stop-shop!

Check out the combined program site at: dsps.wi.gov/Pages/Programs/FirePrevention

While all the same information is available in the merged site, note that the previous Fire Department Safety & Health page will soon be decommissioned and the link be made inactive. If you have the previous Fire Department Safety & Health page bookmarked, please update to the new link provided above!



Who Is My Commercial Electrical Contact?

DIS Commercial Electrical Consultants are frequently asked “who do I contact?” See the below guide to better understand our maps and contact lists and get your questions answered faster!

Permit and Inspection Map

Inspectors responsible for permitting and inspections in non-delegated communities

In the 2023 Spring newsletter, we announced that DIS contracted the entire state out to third-party inspection agencies for commercial electrical permitting and inspections. The [Permit and Inspection Map](#) has since changed. Know which agency is assigned to your area since the permit and inspection fees may differ between counties.

Electrical Delegated Municipalities List

Inspectors responsible for permitting and inspections in delegated communities.

Permit applications within a delegated municipality cannot be submitted to DIS unless the project pertains to a State-owned building or the delegated municipality has a conflict of interest. This [list of delegated municipalities](#) is updated monthly so check the link often to ensure your application is submitted to the appropriate agency.

Consultant District Map

DIS Consultants will answer general DIS Commercial Electrical program questions and will assist delegated communities

DIS Electrical Consultants will remain responsible for closing out and inspecting their active permits, while also answering technical questions sent to DSPSSBElectricTech@Wisconsin.gov. The DIS Electrical consultants, identified on the [Consultant District Map](#), are available for technical electrical code questions. In addition, the consultants will be starting commercial electrical audits throughout the state. Be on the lookout for more information and communication from DIS on your electrical audit.

Wrapping Up EPA's 11th Annual SepticSmart Week



The POWTS program just participated in the [EPA's 11th annual SepticSmart Week](#) which occurs the third week of September. EPA encourages communities, local groups, and state governments to bring attention to the importance of caring for, and maintaining, septic systems by organizing homeowner education events, sponsoring workshops, or sharing social media from the SepticSmart program. The POWTS program shared information to stakeholders via the GovDelivery email system.

Fulfilling an ongoing commitment to provide educational opportunities for credential and license holders is important to DSPS and the [POWTS program](#),

staff will again be hosting or collaborating in upcoming training for county inspectors, system design, general updates, and industry conventions. Also, the popular monthly [POWTS Chat](#) will not only be available live for continuing education credits but will also posted on the [DSPS YouTube](#) channel for access to content at your leisure!

COMcheck: Quick Tips

[COMcheck](#) and [REScheck](#) are user-friendly Department of Energy software programs that can simplify thermal envelope compliance.

The software is intended to serve as a *performance* compliance option - an alternative to the *prescriptive* code requirements. Behind the scenes in the software, a UA (U-factor x Area) trade-off occurs to account for areas that may not meet prescriptive requirements, combined with areas that exceed those requirements, to decide if the combined thermal envelope meets the intent of the energy requirements.

Where does the code tell us we can use COMcheck or REScheck, and what code edition to choose?

SPS 363.0407(3) Allows COMcheck for commercial buildings, using 2015 IECC or ASHRAE 90.1-2013.

SPS 363.5405 Allows REScheck for commercial buildings with residential occupancies, using 2015 IECC.

COMcheck or REScheck?

REScheck must be used in R-2/R-3/R-4 residential structures at or below 3 stories in height. REScheck is more restrictive than COMcheck so mixed use residential + commercial structures can use REScheck, or the mixed use can be split between the two programs. COMcheck must be used if there are more than 3 stories, the residential occupancy is an R-1 (e.g., hotels), or there is no residential occupancy. Buildings only containing 1 or 2 dwelling units are entirely under the UDC.

More Information

[Watch the DIS Fall Webinar](#) for more information on COMcheck and REScheck!

DIS Staff Updates

Welcome the following new employees to DIS!

Aaron Andre
Fire Prevention Coordinator

Please note the following individuals are no longer with DIS. Check your [District Maps](#) for new contact information in your area!

Russell Steinike
Commercial Building Inspector

Elizabeth (CeCe) Rudnicki
POWTS Consultant

Daniel Meneguín
Fire Protection Plan Reviewer

Recent Enforcement Actions

- Issued a Notice of Violations and Order against a site in the Town of Sherman that had undergone a change of use without submitting proper plans to the Department and without becoming compliant with the commercial building code.
- A forfeiture was entered against a Delavan area contractor for engaging in unlicensed electrical work. The Department further placed a restriction on their ability to obtain a credential with the Department until the forfeiture is paid.
- A forfeiture was entered against a Hudson area contractor for engaging in unlicensed plumbing work. The Department further placed a restriction on their ability to obtain a credential with the Department until the forfeiture is paid.
- The Department revoked a Hartland area contractor's dwelling contractor and dwelling contractor qualifier certificates due to criminal charges stemming from their work as a contractor. The circuit court order included a condition.
- The Department indefinitely suspended a Little Suamico area contractor's dwelling contractor and dwelling contractor qualifier certificates due to their failure to respond to a Department's disciplinary investigation.
- Forfeitures were entered against two Michigan contractors for engaging in unlicensed plumbing work. The Department further placed a restriction on their ability to obtain a credential with the Department until the forfeiture is paid.
- A suspension and forfeiture was entered against a Fond du Lac dwelling contractor for engaging in misconduct and for engaging in unlicensed electrical work. The Department further placed a restriction on their ability to obtain a credential with the Department until the forfeiture is paid.
- A suspension was entered against a Hales Corners HVAC contractor for performing HVAC work without first obtaining the appropriate permit for the project.
- A forfeiture was entered against a Stoughton area individual for advertising plumbing services without employing the proper master plumber. The Department further placed a restriction on their ability to obtain a credential with the Department until the forfeiture is paid.
- A revocation was entered against a Waukesha area dwelling contractor and electrical contractor for engaging in negligence, incompetence, misconduct and failing to respond to the Department's disciplinary investigation.
- A forfeiture was entered against a McHenry Illinois area individual for engaging in unlicensed plumbing work and for advertising plumbing services without employing the proper master plumber. The Department further placed a restriction on their ability to obtain a credential with the Department until the forfeiture is paid.
- An indefinite suspension (no less than 1 year) was entered against a Cadott area dwelling contractor's credentials for engaging in misconduct and for failure to respond to the Department's disciplinary investigation.
- A Notice of Violations and Order was entered against a fire department for its failure to follow Wisconsin Administrative Rules and Statutes. The fire department has two months to gain compliance with the Order.