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## A Message From the Executive Director:



**Hello, everyone!**

I hope everyone is doing well!! We've transitioned from a snowy winter/spring right into a perfect summer so far!

The process of adopting new administrative laws and rules is moving along nicely. July 12th will be the public hearing at which your comments and views will be heard by the board. Written comments can be submitted up to 10 days following July 12th. We are still shooting for an adoption date for the 2023 NEC of January 1, 2024, when the rules will go into effect. Currently the exams are still on the 2020 NEC, and we'll announce when the exams change to be on the 2023 NEC.

Our education committee met June 21st to review the board's exam process and discuss what other states/jurisdictions do for exams. Also the board discussed licensing needs, specifically whether or not other electrical licenses should be considered.

Our NDSEB sponsored continuing education classes for this next season have started last month so sign up for the class that fits your schedule. This year's class will focus on 2023 NEC code changes and don't forget to write down ideas for subject matter on the comment cards for our future classes. The earlier classes usually have low attendance so if you want to get some one-on-nearly-one training with Scott, those would be the classes to attend!

Be sure to read our section on 23-24 Legislative updates, it may affect you or your business!

Like always, we encourage your input on electrical happenings in ND. So, if you have questions or comments, please send an email, or give me a call as I'd like to visit with you! And remember, apprentices need direct supervision on projects! 😊

Check out our website often for new information:

<https://www.ndseb.com/>

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Hope you're getting out and enjoying the nice weather this summer!!

I wish you enough,  
- James Schmidt



## Legislative Updates from the 2023 Session that Affect NDSEB

The following is a partial description/list of the House and Senate Bills that affect the NDSEB/electrical industry in North Dakota and passed by the state legislature, signed by the Governor, and filed by the Secretary of State. To read the full Bill passed, you can go to the 68th Legislative Assembly at [www.ndlegis.gov/](http://www.ndlegis.gov/).

**House Bill 1234** SECTION 1 & 2. New sections to chapter 11-10 and 40.01 of the North Dakota Century Code are created and enacted as follows: Prohibition - Connection of utility services. Notwithstanding any other provision of law, a county may not adopt or enforce an ordinance, resolution, or policy that prohibits or impedes, or has the effect of prohibiting or impeding, the connection or reconnection of an electric, natural gas, propane, or other energy utility service based on fuel source provided by a public utility, municipal utility, cooperative utility, or propane service.

**House Bill 1382** 15.1-21-02.6. North Dakota scholarship - Amount - Applicability. (Effective through July 31, 2030) 1. c. The state board of higher education shall provide to any student certified as being eligible by the superintendent of public instruction a North Dakota scholarship, a North

Dakota academic scholarship, or a North Dakota career and technical education scholarship in the amount of five hundred dollars each term if the student is enrolled in a qualifying registered apprenticeship program within this state.

**House Bill 1383** SECTION 1. A new section to chapter 57-38 of the North Dakota Century Code is created and enacted as follows: Apprenticeship tax credit. 1. A taxpayer is entitled to a credit as determined under this section against the income tax liability under section 57 - 38 - 30 or 57 - 38 - 30.3 for qualified compensation paid to an individual who is an apprentice in an apprenticeship program as provided in title 29, Code of Federal Regulations, subtitle a, part 29 or an apprentice electrician registered under chapter 43 - 09 and is employed in this state by the taxpayer.

**Senate Bill 2170** SECTION 1. A new section to chapter 34-07 of the North Dakota Century Code is created and enacted as follows: Minors working in hazardous occupations. A minor who is at least sixteen years of age may be employed or permitted to work in a hazardous occupation if the minor is in a registered apprenticeship

program or is a student learner of an approved career and technical education program. Under this section, a parental signature is required for the minor to participate as an apprentice or student learner. This section does not limit the ability of a minor who is at least sixteen years of age to work in an occupation already permitted by law. **(This bill is a study ONLY for the next legislative session)**

**Senate Bill 2249** SECTION 1. A new chapter to title 34 of the North Dakota Century Code is created and enacted as follows:

- Definitions. 1. "Board" means an occupational or professional board established under title 43. 2. "Commissioner" means the labor commissioner.
- Duties of commissioner. The commissioner shall gather information regarding the continuing education requirements and the practice of licensing out-of-state practitioners for each board, the education standards and practices board, and the state board of law examiners. The commissioner shall analyze the information to develop and update a strategy for more efficient continuing education requirements and more efficient practices for licensing out-of-state practitioners. As necessary, the commissioner may recommend introduction of legislation to implement this strategy.

The Bills & Resolutions Index for the 68th Legislative Assembly contains more information about these and all Bills introduced during this session.

Go to the following link for more info:

[www.ndlegis.gov/assembly/68-2023/bill-index.html](http://www.ndlegis.gov/assembly/68-2023/bill-index.html)

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## **ADMINISTRATIVE RULE CHANGES HIGHLIGHTS & HEARING SET**

The purpose of the proposed new rules and amendments is to implement statutes and adopt the NFPA 70 2023 edition National Electrical Code, and NFPA 101 2021 edition Life Safety Code, except if articles are specifically amended, with a projected effective date of January 1, 2024. **The public hearing has been scheduled for 9:00 a.m. on July 12, 2023, at the North Dakota State Electrical Board, 1929 N Washington Street, Suite A-1, Bismarck, North Dakota.**

The list below is some of the significant proposed new rules and amendments. Underlined text indicates new recommended text to be added. Crossed out text indicates text that is recommended to be removed.

**24.1-02-01-01(4):** Clarifies “service” definition by revising text from serving utility to serving source.

“Service” means the conductors and equipment for delivering electric energy from the serving ~~utility~~ source to the wiring system of the premises served.

**24.1-05-01-01(2):** Clarifies intent and wording by replacing entrance with service.

Before work commences on any electrical installation when a new ~~entrance service~~ is installed, an existing ~~entrance service~~ is altered or repaired, a building is moved, when a mobile home ~~service/feeder~~ is installed . . . .

**24.1-06-01-10(7):** Adds new section for copper clad aluminum conductors for class II & III circuits only.

Copper clad aluminum conductors in sizes smaller than no. 6 shall be used only for class II and class III circuits

**24.1-06-01-10(9):** Adds section to clarify occupancy consistent with IEBC under requirements for electrical installations.

Where the occupancy of an existing building or part of an existing building is changed, the electrical wiring and equipment of the building or portion thereof that contains the proposed occupancy shall comply with the 2023 edition, National Electrical Code.

**24.1-06-01-40(3):** Clarifies locations of carbon monoxide installations and when interconnected. ND State Building Code.

An approved carbon monoxide alarm shall be installed ~~outside of each separate sleeping area in the immediate vicinity of the bedrooms~~ in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages in the following locations:

- (a) Outside each sleeping area in the immediate vicinity of the bedrooms.
- (b) On every habitable level.
- (c) In each bedroom within which a fuel-fired appliance is located within the bedroom or its attached bathroom.

Where more than one carbon monoxide alarm is required to be installed within an individual dwelling unit, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the Individual dwelling unit.

**24.1-06-01-40(4):** Adds a section to include smoke alarms in locations of an energy storage system being installed.

Rooms and areas within dwelling units, basements and attached garages in which an energy storage system is installed shall be protected by smoke alarms. The smoke alarm shall receive power from the premise wiring and be interconnected to any existing smoke alarm system. A heat detector listed and interconnected shall be installed where a smoke alarm cannot be based on their listing.

**24.1-06-02-10(11):** Adds exception to the NEC on GFCI protection for refrigeration appliances.

Exception: 2023 edition, National Electrical Code, article 210.8(A): GFCI protection shall not be required for refrigeration appliances in dwelling units if a single receptacle on an individual branch circuit is installed.

**24.1-06-02-10(12):** Adds exception to the NEC on receptacle outlets installed below countertop or work surface.

Exception: 2023 edition, National Electrical Code, article 210.52(C)(2), Island and Peninsular Countertops and Work Surfaces: Receptacle outlets shall be permitted to be located not more than twelve inches below the counter top or work surface. Receptacles installed below a countertop or work surface shall not be located where the countertop or work surface extends more than six inches beyond its support base.

**24.1-06-02-15:** Adds new section on feeders. Surge protection for feeders not required in certain occupancies.

(NEC 215) Feeders. - Surge protection for feeders is not required in the following occupancies:

1. Dwelling units.
2. Dormitory units.
3. Guest rooms and guest suites of hotels and motels.
4. Areas of nursing homes and limited care facilities used exclusively as patient care sleeping rooms.

**24.1-06-02-30(6):** Deletes section as it is required due to being a safety issue.

~~230.67 surge protections for dwelling unit services is not required.~~

**24.1-06-03-01(7):** Renumbers, updates appropriate NEC article and deletes dormitory requirement from installation of metal raceways or metal clad cable.

**24.1-06-04-22:** Adds “if manufacturer instructions allow” for cord connections for furnaces. ☞

## **Making A Connection: Brent Kubischta, District 4 Inspector**

### **Originally**

from Dickinson, Brent Kubischta graduated from Dickinson High School in 2000 and completed his 3-year Electrical Technology

degree from NDSCS in 2 years. He started working for his grandfather (ABC Electric) while still in high school and also worked for Berger Electric in Dickinson for just over 12 years, along with a few other contractors.

Brent and his wife Kimberly have a daughter (21) and a son (9).

**What projects are you currently working on?** *Currently I'm doing inspections in Stark, Billings, Slope, Bowman and Golden Valley counties, inspecting new housing projects to new oil field sites and everything in between.*

**What is your favorite part of your job?** *Meeting all the electricians in my area and seeing all the projects they are working on.*

**Do you have a favorite memory or experience while working for the NDSEB?** *Tom Crawford stories seem to come up a lot (NDSEB District 9 Inspector)*



**Did you or do you have a mentor or a person that inspired you?** *My grandpa who got me into the electrical trade at an early age.*

**What are your hobbies?** *Fishing, hunting, doing anything the kids want.*

**If you couldn't do your current job, what would you want to do instead?** *Be independently wealthy.*

**The best thing about North Dakota is . . . ?** *The people and sometimes the weather.*

**The best movie of all time is . . . ?** *Any John Wayne movie.*



**What do you like on your pizza?** *Anything really but the best is BBQ beef*

**What's your favorite TV show?** *Anything about history or the supernatural .*

**What would be your dream vacation?** *Anywhere my wife will take me .*

## **NDSEB CEU CLASSES REMAINING**

8/10/23	Quality Inn & Suites Jamestown
8/11/23	Ramsey County Courthouse Devils Lake
9/7/23	Ramada Bismarck Hotel Bismarck
9/8/23	Sleep Inn, Minot
9/29/23	Canad Inn, Grand Forks
10/5/23	Ramada Fargo Hotel, Fargo
11/16/23	Grand Williston Hotel, Williston
11/17/23	Roosevelt Grand Dakota Dickinson
12/7/23	Sleep Inn, Minot
12/8/23	Ramada Bismarck Hotel Bismarck
1/4/24	Canad Inn, Grand Forks
1/5/24	Ramada Fargo Hotel, Fargo

