

ELECTRICIAN LICENSING STATISTICS JANUARY 8, 2020

MASTER ELECTRICIANS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	603	128
Renewed Licenses Issued	15,931	2,535
Online Renewals	15,835	2,521
% Renewed Online	99%	99%
Total Population	16,915	16,980

MASTER SIGN ELECTRICIANS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	9	2
Renewed Licenses Issued	484	98
Online Renewals	480	98
% Renewed Online	99%	100%
Total Population	522	527

JOURNEYMAN ELECTRICIANS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	1,823	436
Renewed Licenses Issued	33,060	5,699
Online Renewals	32,807	5,658
% Renewed Online	99%	99%
Total Population	36,105	36,360

JOURNEYMAN SIGN ELECTRICIANS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	13	6
Renewed Licenses Issued	297	54
Online Renewals	296	54
% Renewed Online	99%	100%
Total Population	330	343

JOURNEYMAN LINEMAN ELECTRICIANS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	12	0
Renewed Licenses Issued	20	5
Online Renewals	19	5
% Renewed Online	95%	100%
Total Population	32	31

***JOURNEYMAN INDUSTRIAL ELECTRICIANS**

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	124	47
Renewed Licenses Issued	7	17
Online Renewals	7	17
% Renewed Online	100%	100%
Total Population	131	172

MAINTENANCE ELECTRICIANS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	9	2
Renewed Licenses Issued	880	140
Online Renewals	870	139
% Renewed Online	98%	99%
Total Population	946	950

RESIDENTIAL WIREMEN

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	198	45
Renewed Licenses Issued	1,306	277
Online Renewals	1,285	274
% Renewed Online	98%	98%
Total Population	1,605	1,582

APPRENTICES

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	36,387	8,976
New Licenses Issued Online	35,669	8,827
Renewed Licenses Issued	40,377	9,128
Online Renewals	39,892	9,030
% Renewed Online	98%	98%
Total Population	85,463	87,875

SIGN APPRENTICES

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	1,518	299
New Licenses Issued Online	1,507	299
Renewed Licenses Issued	606	115
Online Renewals	606	115
% Renewed Online	100%	100%
Total Population	2,453	2,399

ELECTRICAL CONTRACTORS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	892	178
Renewed Licenses Issued	9,118	2,069
Online Renewals	9,061	2,058
% Renewed Online	99%	99%
Total Population	10,338	10,369

ELECTRICAL SIGN CONTRACTORS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	59	10
Renewed Licenses Issued	495	116
Online Renewals	491	115
% Renewed Online	99%	99%
Total Population	582	576

RESIDENTIAL APPLIANCE INSTALLERS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	177	26
Renewed Licenses Issued	1,783	366
Online Renewals	1,777	365
% Renewed Online	99%	99%
Total Population	1,992	2,004

RESIDENTIAL APPLIANCE INSTALLATION CONTRACTORS

	TOTAL FY 2019	1st Quarter FY 2020
New Licenses Issued	64	15
Renewed Licenses Issued	604	115
Online Renewals	599	114
% Renewed Online	99%	99%
Total Population	704	697

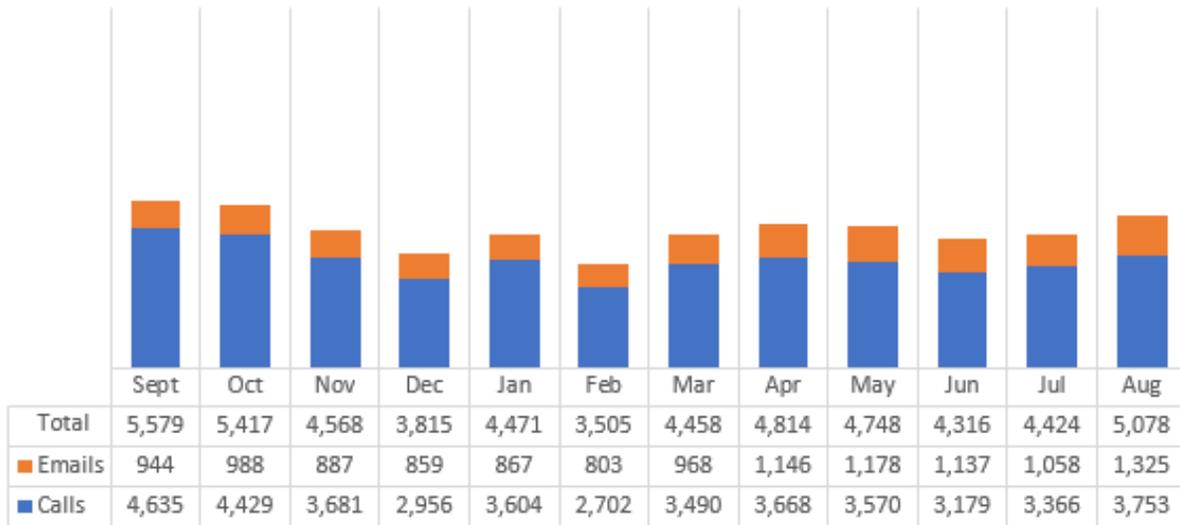
COMBINED

	TOTAL FY 2019	1st Quarter FY 2020
New Facility Licenses Issued	1,015	203
Renewed Facility Licenses Issued	10,217	2,300
Online Renewals	10,151	2,287
% Renewed Online	99%	99%
New Individual Licenses Issued	40,873	9,967
Renewed Individual Licenses Issued	94,751	18,434
Online Renewals	94,751	18,276
% Renewed Online	100%	99%
Total Population (Individuals)	146,494	149,223
Total Population (Facilities)	11,624	11,642
Total COMBINED Licenses	158,118	160,865

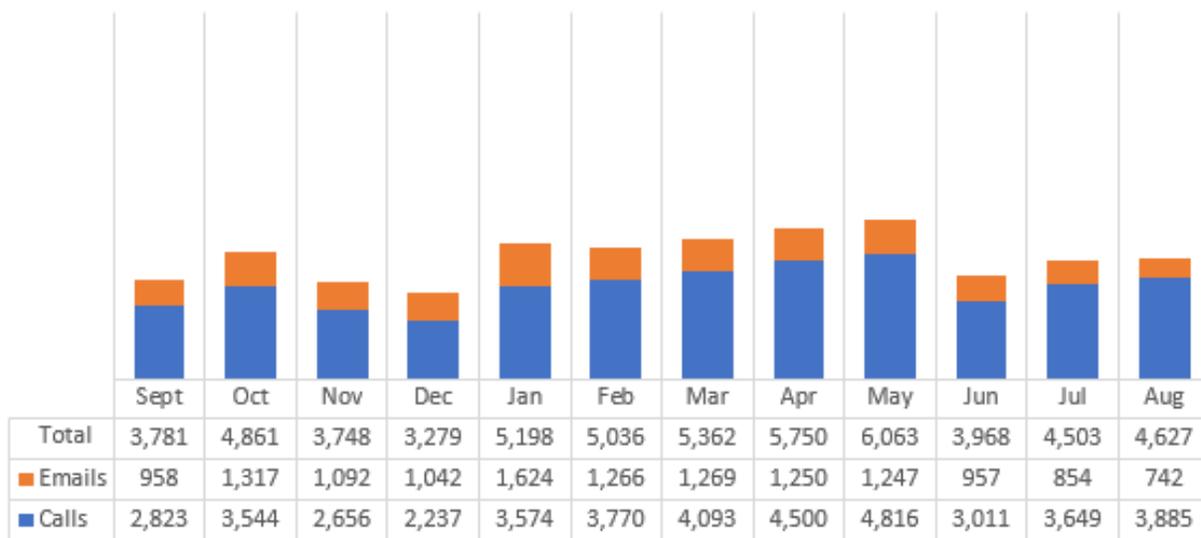
The population number is a snapshot of the number of active licenses on the first day of and the month. The number of licenses issued and renewed is the total activity performed during the fiscal year.

*The first Journeyman Industrial Electrician license was issued July 18, 2018.

**ELECTRICIANS
CUSTOMER SERVICE CONTACTS
FISCAL YEAR 2018**



**ELECTRICIANS
CUSTOMER SERVICE CONTACTS
FISCAL YEAR 2019**



ELECTRICAL SAFETY & LICENSING ADVISORY BOARD

Enforcement Division Staff Report January 8, 2020

Case Highlights

- Timothy D. Rike – ELC20170021464; ELC20170021805; ELC20170022227

Timothy D. Rike and the Department entered into an Agreed Order that was signed by the Executive Director November 12, 2019. Mr. Rike, as a Master Electrician, assigned his license to an electrical contracting company with an effective date of June 14, 2016. While he was the master electrician, Mr. Rike allowed that electrical contracting company to use his master electrician license number for the purpose of contracting non-exempt electrical work. Mr. Rike admitted that he “Rented out the use of his license” and did not know what happened at any of the jobsites to which he was connected as the master electrician of record. As the master electrician of record, Mr. Rike also failed in his responsibility to supervise all licensees performing work on behalf of the contractor. Finally, Mr. Rike agreed that he evaded his responsibility to clients. The six violations alleged resulted in an agreed penalty of \$4,500.00 and the revocation of respondent’s Master Electrician license as of the date the Agreed Order was signed. Mr. Rike paid the administrative penalty in full and surrendered his license on October 11, 2019. By statute, Mr. Rike is not eligible for a new license until November 12, 2020.

- Paulo Galarce – ELC20180006696; ELC20180006698; ELC20180006701

A Commission Order in this case was signed and issued October 1, 2019. It was found by the Commission that Mr. Galarce, on three separate occasions, contracted to perform non-exempt electrical contracting work without the proper licensure. Neither Mr. Galarce nor his company were licensed by the Department in any capacity at the time of the violations. In each instance Mr. Galarce contracted to install solar panels and was paid in advance for the services to be provided. A hearing held on March 5, 2019, at the State Office of Administrative Hearings produced a Proposal for Decision stating that Department Staff established three violations for unlicensed electrical contracting. The Proposal for Decision, issued May 3, 2019, recommended an administrative penalty of \$12,000.00. The Commission moved to accept the order on October 1, 2019. As of December 4, 2019, Mr. Galarce had not remitted payment in any amount to satisfy the penalty.

- Marcelo Rey, III – ELC20190007266

A Default Order was signed in this case on November 12, 2019, after the Executive Director found that Marcelo Rey, III, or someone employed by him, performed non-exempt electrical contracting work without an electrical contractors' license and ordered an administrative penalty of \$4,000.00. The work occurred at a jobsite in El Paso, Texas, on or about February 11, 2019. The work performed included "Electrical work to wire water heater up to code, electrical work to fix wire to stove up to code, [and] change breakers." Mr. Rey failed to respond to the Notice of Alleged Violation dated and mailed June 10, 2019. To date no payment has been made on the penalty.

- Evaristo Roberto Gutierrez – ELC20190002232

A Default Order was signed in this case on October 21, 2019 after the Executive Director found that Evaristo Roberto Gutierrez offered to perform non-exempt electrical contracting work without an electrical contractor license. On October 11, 2018, Mr. Gutierrez arrived at a jobsite in Brownsville, Texas, and offered a written bid for electrical contracting work. The jobsite was actually the site of an undercover sting conducted by the Department to identify, locate and prosecute unlicensed and under-licensed persons offering electrical and air conditioning and refrigeration work. Mr. Gutierrez was not licensed in any capacity by the Department at the time he offered the bid. Mr. Gutierrez did not answer the Notice of Alleged Violation and was defaulted after being given notice. Mr. Gutierrez has not paid any of the \$3,500.00 penalty assessed.

- Louis S. Garza, Jr. – ELC20190008324

Mr. Garza and the Department entered into an Agreed Order that was signed by the Executive Director October 3, 2019. Mr. Garza failed to ensure that all of the non-exempt electrical work performed was done by licensed individuals. Mr. Garza admitted that one unlicensed individual performed non-exempt electrical work during a job he contracted for in San Antonio, Texas. This violation resulted in an agreed penalty of \$3,000.00, which was paid in full on September 11, 2019.

Key Statistics

Shown below are key statistics for the Electrical program and for all TDLR programs combined through November of Fiscal Year 2020.

<u>Statistic</u>	<u>ELC</u>	<u>TDLR</u>
• Number of cases opened:	558	2,655
• Number of cases resolved:	668	2,570
• Number of Final Orders:	64	470
• Total amount of penalties assessed:	\$204,750	\$874,531
• Total amount of penalties collected:	\$24,475	\$403,443

Shown below are key statistics for the Electrical program and for all TDLR programs combined for Fiscal Year 2019.

<u>Statistic</u>	<u>ELC</u>	<u>TDLR</u>
• Number of cases opened:	2,488	10,902
• Number of cases resolved:	2,461	10,113
• Number of Final Orders:	276	1,887
• Total amount of penalties assessed:	\$684,340	\$3,394,345
• Total amount of penalties collected:	\$151,767	\$1,731,554

Shown below are key statistics for the Electrical program and for all TDLR programs combined for Fiscal Year 2018.

<u>Statistic</u>	<u>ELC</u>	<u>TDLR</u>
• Number of cases opened:	2,442	10,585
• Number of cases resolved:	2,153	9,833
• Number of Final Orders:	192	2,037
• Total amount of penalties assessed:	\$461,850.00	\$3,209,055
• Total amount of penalties collected:	\$104,228.00	\$1,528,594

**ELECTRICAL SAFETY AND LICENSING ADVISORY BOARD
JANUARY 8TH, 2020**

DIVISION UPDATES

EXAMINATION REVIEW COMMITTEE (ERC)

TDLR and PSI met with the Master Electrician Subject Matter Experts (SMEs) on November 19th, 20th, and 21st, 2019. The purpose of this exam review was to start the re-referencing of all electrician items referenced to the 2017 National Electrical Code (NEC) to the 2020 NEC. The updated reference material will take effect on September 1, 2020.

EDUCATION AND EXAMINATION STATISTICS AND TRENDS

EXAMINATION STATISTICS (AS OF NOVEMBER 30TH, 2019)

FY 2020	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	216	260	242	717	-	-	-	0	-	-	-	0	-	-	-	0	717
FAIL	679	762	723	2,164	-	-	-	0	-	-	-	0	-	-	-	0	2,164
TOTAL	894	1,022	965	2,881	-	-	-	0	-	-	-	0	-	-	-	0	2,881
RATE	24.0%	25.4%	25.1%	24.9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	24.9%

FY 2019	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	234	238	201	673	281	237	304	822	325	334	256	915	275	276	268	819	3,229
FAIL	611	612	556	1,779	570	491	588	1,649	701	676	669	2,046	775	687	835	2,297	7,771
TOTAL	845	850	757	2,452	851	728	892	2,471	1,026	1,010	925	2,961	1,050	963	1,103	3,116	11,000
RATE	27.7%	28.0%	26.6%	27.4%	33.0%	32.6%	34.1%	33.3%	31.7%	33.1%	27.7%	30.9%	26.2%	28.7%	24.3%	26.3%	29.4%

FY 2018	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	379	186	171	736	168	182	216	566	263	290	289	842	248	259	249	756	2,900
FAIL	726	593	519	1,838	537	424	561	1,522	600	618	596	1,814	704	591	668	1,963	7,137
TOTAL	1,105	779	690	2,574	705	606	777	2,088	863	908	885	2,656	952	850	917	2,719	10,037
RATE	34.3%	23.9%	24.8%	28.6%	23.8%	30.0%	27.8%	27.1%	30.5%	31.9%	32.7%	31.7%	26.1%	30.5%	27.2%	27.8%	28.9%

**EXAMINATION BY LICENSE TYPE
(AS OF NOVEMBER 30TH, 2019)**

1 ST QUARTER					2 ND QUARTER				
SEPTEMBER -- OCTOBER -- NOVEMBER					DECEMBER -- JANUARY -- FEBRUARY				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER CALCULATIONS	117	485	602	19.44%	MASTER CALCULATIONS	-	-	-	0.00%
MASTER NEC	90	284	374	24.06%	MASTER NEC	-	-	-	0.00%
JOURNEYMAN LINEMAN	120	349	469	25.59%	JOURNEYMAN LINEMAN	-	-	-	0.00%
JOURNEYMAN	277	706	983	28.18%	JOURNEYMAN	-	-	-	0.00%
MAINTENANCE	16	40	56	28.57%	MAINTENANCE	-	-	-	0.00%
RESIDENTIAL WIREMAN	28	73	101	27.72%	RESIDENTIAL WIREMAN	-	-	-	0.00%
MASTER SIGN	0	7	7	0.00%	MASTER SIGN	-	-	-	0.00%
JOURNEYMAN SIGN	13	26	39	33.33%	JOURNEYMAN SIGN	-	-	-	0.00%
APPLIANCE INSTALLER	22	32	54	40.74%	APPLIANCE INSTALLER	-	-	-	0.00%
JOURNEYMAN INDUSTRIAL ELE*	3	7	10	30.00%	JOURNEYMAN INDUSTRIAL ELE*	-	-	-	0.00%
TOTAL (ALL)	717	2,164	2,881	24.89%	TOTAL (ALL)	-	-	-	0.00%
3 RD QUARTER					4 TH QUARTER				
MARCH -- APRIL -- MAY					JUNE -- JULY -- AUGUST				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER CALCULATIONS	-	-	-	0.00%	MASTER CALCULATIONS	-	-	-	0.00%
MASTER NEC	-	-	-	0.00%	MASTER NEC	-	-	-	0.00%
JOURNEYMAN LINEMAN	-	-	-	0.00%	JOURNEYMAN LINEMAN	-	-	-	0.00%
JOURNEYMAN	-	-	-	0.00%	JOURNEYMAN	-	-	-	0.00%
MAINTENANCE	-	-	-	0.00%	MAINTENANCE	-	-	-	0.00%
RESIDENTIAL WIREMAN	-	-	-	0.00%	RESIDENTIAL WIREMAN	-	-	-	0.00%
MASTER SIGN	-	-	-	0.00%	MASTER SIGN	-	-	-	0.00%
JOURNEYMAN SIGN	-	-	-	0.00%	JOURNEYMAN SIGN	-	-	-	0.00%
APPLIANCE INSTALLER	-	-	-	0.00%	APPLIANCE INSTALLER	-	-	-	0.00%
JOURNEYMAN INDUSTRIAL ELE*	-	-	-	0.00%	JOURNEYMAN INDUSTRIAL ELE*	-	-	-	0.00%
TOTAL (ALL)	-	-	-	0.00%	TOTAL (ALL)	-	-	-	0.00%

**CONTINUING EDUCATION COURSE, PROVIDER, AND CURRICULUM STATISTICS
(AS OF NOVEMBER 30TH, 2019)**

FY 2020	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
NEW COURSE APPROVAL ISSUES	12	7	10	29	-	-	-	0	-	-	-	0	-	-	-	0	29
TOTAL COURSES	172	170	170	170	-	-	-	0	-	-	-	0	-	-	-	0	170

FY 2019	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
NEW COURSE APPROVAL ISSUES	5	11	11	27	16	23	23	62	16	10	19	45	11	9	7	27	161
TOTAL COURSES	139	163	167	167	170	184	184	184	174	172	178	178	172	167	166	166	166

FY 2018	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
NEW COURSE APPROVAL ISSUES	13	5	10	28	7	13	19	39	27	14	17	58	17	11	12	40	165
TOTAL COURSES	147	141	140	140	127	120	129	129	141	147	154	154	160	166	163	163	163

**ELECTRICIAN APPRENTICE PROGRAMS
(AS OF NOVEMBER 30TH, 2019)**

FY 2020	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
NEW PROGRAM REGISTRATION ISSUED	0	0	3	3	-	-	-	0	-	-	-	0	-	-	-	0	3
PROGRAM RENEWAL LICENSES ISSUED	3	4	0	7	-	-	-	0	-	-	-	0	-	-	-	0	7
TOTAL PROGRAM PROVIDER LIC COUNT	50	50	53	53	-	-	-	0	-	-	-	0	-	-	-	0	53
TOT NEW PROGRAM COURSE APPROVAL ISSUED	0	0	3	3	-	-	-	0	-	-	-	0	-	-	-	0	3
TOTAL PROGRAM COURSE COUNT	50	50	53	53	-	-	-	0	-	-	-	0	-	-	-	0	53

FY 2019	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
NEW PROVIDER LICENSE ISSUED	1	0	0	1	0	0	0	0	1	0	1	2	0	1	0	1	4
NEW COURSE APPROVALS	1	0	0	1	0	0	0	0	1	0	1	2	0	0	0	0	3
PROVIDER LICENSE RENEWED	5	2	1	8	1	2	1	4	0	2	2	4	2	26	6	34	50
TOTAL APPROVED PROGRAMS	47	47	47	47	47	47	47	47	48	48	49	49	49	50	50	50	50
TOTAL APPROVED COURSE PER YEAR	1	1	1	1	1	1	1	1	2	0	3	3	0	4	4	4	4

Electrical Safety and Licensing Advisory Board

RPM Division – Staff Report

January 8, 2020



TDLR RPM Staff Meetings (Other Notable Activities)

- 10/1-2 - Presented at BPI in Lubbock, TX.
- 10/08 – Attended an Electrical Shock Drowning (ESD) presentation in Galveston, TX.
- 10/24 – Presented program overview to Sunset.
- 11/18-20 - Presented at BPI in Austin, TX.
- 11/19-21 - Exam development for 2020 NEC exams in Austin, TX.
- 11/21 – Attended City of Corpus Christi electrical board meeting.
- 12/12 – Met and retained meeting space, lodging and meals for 2020 Texas NERA meeting,



2020 National Electrical Code is Almost Here!

The Texas Electrical Safety and Licensing Act requires the Texas Department of Licensing and Regulation (TDLR) to adopt the revised National Electrical Code (NEC) as the electrical code for the state of Texas. In 2020, TDLR will be adopting the 2020 NEC as the electrical code for the state of Texas and establish it as the "minimum standard" for all electrical work in Texas covered by the Act. The proposed effective date will be September 1, 2020.

Chapter 1305.201 of the Act provides municipalities the authority to make local amendments to the 2020 NEC; however, any proposal to amend these standards should be done in accordance with NEC 90.4 which stipulates "*the authority having jurisdiction may waive specific requirements in this Code or permit alternative methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.*"

Expectations are that any non-exempt electrical work started on or after September 1, 2020 will have to be installed in accordance with the 2020 NEC. For purposes of clarification, the "start" of electrical work is the day the electrician begins installing electrical materials or equipment within the residential or commercial building structure. **Inside the corporate limits of a municipality,** electricians must abide by city permitting requirements and adhere to any local code amendments.

Also, beginning September 1, 2020, all examinations for state electrical licenses will be based on the 2020 NEC. The state electrical exams are available through PSI, who contracts with TDLR to develop, maintain, and administer the state electrician licensing examinations. **It is very important for license candidates to review the Candidate Information Bulletin (CIB)** which contains detailed information regarding the examinations and is vital to understanding the process.