

ELECTRICIAN LICENSING STATISTICS JANUARY 11, 2018

MASTER ELECTRICIANS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1 st Quarter FY 2018
New Licenses Issued	626	677	848	184
Renewed Licenses Issued	14,798	15,102	15,423	2,587
Online Renewals	14,607	14,961	15,291	2,555
% Renewed Online	98%	99%	99%	98%
Total Population	15,550	15,979	16,548	16,767

MASTER SIGN ELECTRICIANS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1 st Quarter FY 2018
New Licenses Issued	15	22	24	4
Renewed Licenses Issued	485	487	493	98
Online Renewals	481	483	488	97
% Renewed Online	99%	99%	98%	98%
Total Population	502	513	528	531

JOURNEYMAN ELECTRICIANS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1 st Quarter FY 2018
New Licenses Issued	1,725	1,418	2,089	546
Renewed Licenses Issued	31,934	32,227	32,147	5,836
Online Renewals	31,441	31,803	31,797	5,789
% Renewed Online	98%	98%	98%	99%
Total Population	34,546	34,786	35,353	35,864

JOURNEYMAN SIGN ELECTRICIANS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1 st Quarter FY 2018
New Licenses Issued	16	54	23	4
Renewed Licenses Issued	319	302	302	54
Online Renewals	319	300	302	54
% Renewed Online	100%	99%	100%	100%
Total Population	357	352	353	350

JOURNEYMAN LINEMAN ELECTRICIANS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	5	10	6	2
Renewed Licenses Issued	0	3	16	4
Online Renewals	0	0	16	4
% Renewed Online	0	0	100%	100%
Total Population	6	19	21	24

MAINTENANCE ELECTRICIANS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	11	9	6	2
Renewed Licenses Issued	1,106	1,059	999	173
Online Renewals	1,095	1,049	991	171
% Renewed Online	99%	99%	99%	98%
Total Population	1,171	1,130	1,065	1,070

RESIDENTIAL WIREMEN

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	123	146	193	47
Renewed Licenses Issued	1,120	1,182	1,181	291
Online Renewals	1,091	1,155	1,159	286
% Renewed Online	97%	97%	98%	98%
Total Population	1,330	1,409	1,477	1,507

APPRENTICES

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	27,582	32,749	32,482	7,383
New Licenses Issued Online	26,125	31,456	31,379	7,183
Renewed Licenses Issued	28,808	31,711	34,696	8,799
Online Renewals	28,319	29,010	34,247	8,670
% Renewed Online	98%	91%	98%	98%
Total Population	62,278	70,902	75,178	77,343

SIGN APPRENTICES

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	1,295	1,514	1,444	343
New Licenses Issued Online	1,272	1,497	1,420	339
Renewed Licenses Issued	416	474	584	149
Online Renewals	410	472	581	149
% Renewed Online	98%	99%	99%	100%
Total Population	1,969	2,166	2,247	2,337

ELECTRICAL CONTRACTORS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	761	885	949	279
Renewed Licenses Issued	8,087	8,361	8,672	2,058
Online Renewals	7,932	8,240	8,574	2,028
% Renewed Online	98%	98%	98%	98%
Total Population	8,842	9,317	9,755	9,930

ELECTRICAL SIGN CONTRACTORS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	53	52	57	14
Renewed Licenses Issued	431	463	466	137
Online Renewals	425	457	462	135
% Renewed Online	98%	98%	99%	98%
Total Population	485	520	536	547

RESIDENTIAL APPLIANCE INSTALLERS

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 2018
New Licenses Issued	245	230	243	52
Renewed Licenses Issued	1,327	1,508	1,523	350
Online Renewals	1,226	1,504	1,516	348
% Renewed Online	92%	99%	99%	99%
Total Population	1,577	17,30	1,879	1,910

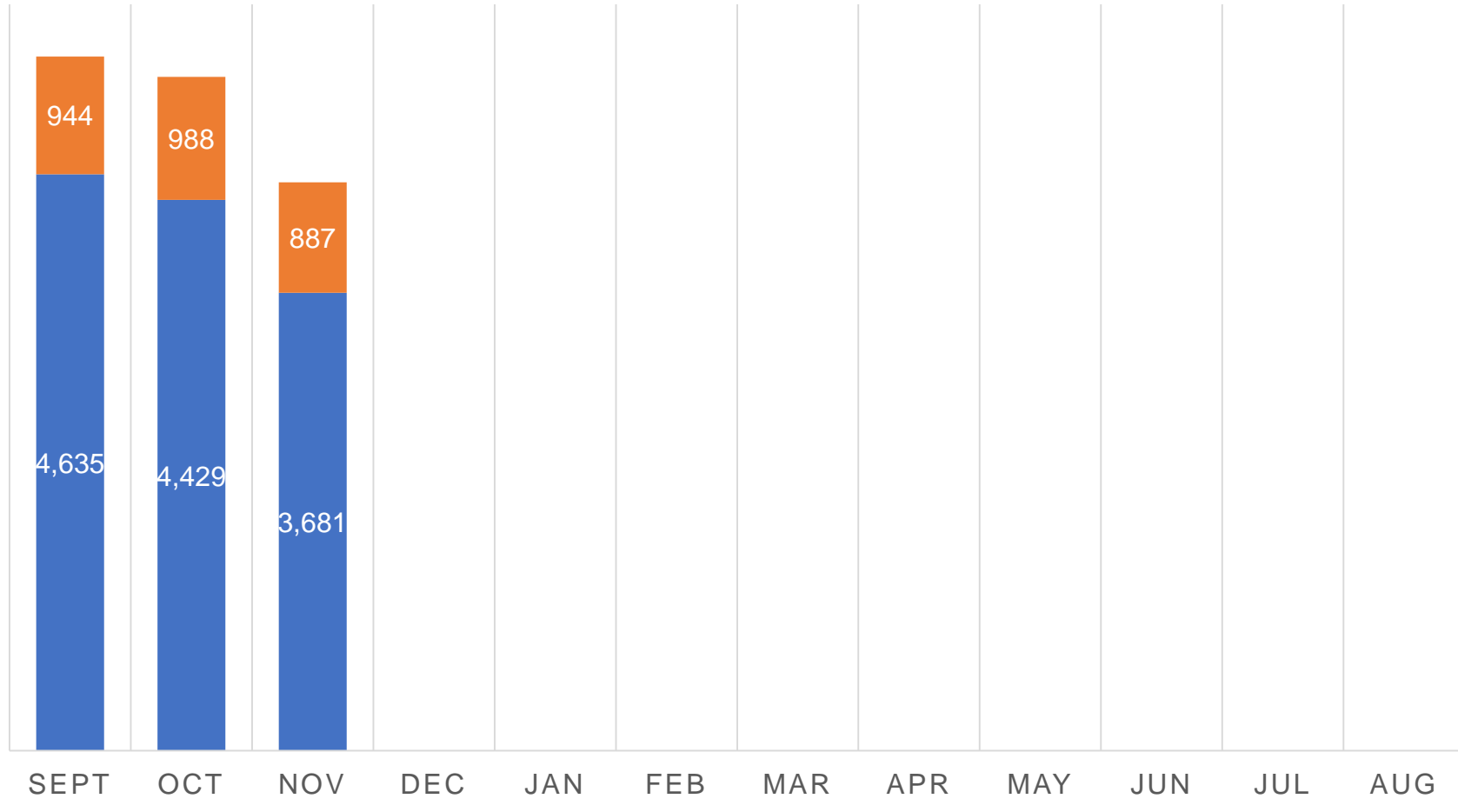
COMBINED

	TOTAL FY 2015	TOTAL FY 2016	TOTAL FY 2017	1st Quarter FY 18
New Facility Licenses Issued	889	994	1,079	312
Renewed Facility Licenses Issued	9,019	9,381	9,706	2,313
Online Renewals	8,848	9,192	9,597	2,280
% Renewed Online	98%	98%	98%	98%
New Individual Licenses Issued	31,643	36,829	37,358	8,567
Renewed Individual Licenses Issued	80,314	84,055	87,364	18,341
Online Renewals	78,989	80,737	86,388	18,123
% Renewed Online	98%	96%	98%	98%
Total Population (Individuals)	119,286	128,986	134,649	137,703
Total Population (Facilities)	9,899	10,444	10,943	11,142
Total COMBINED Licenses	129,185	139,430	145,592	148,845

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.

**ELECTRICIANS
CUSTOMER SERVICE CONTACTS
FISCAL YEAR 2018**

■ Calls ■ Emails



ELECTRICAL SAFETY & LICENSING ADVISORY BOARD

Enforcement Division Staff Report January 11, 2018

Case Highlights

IN THE MATTER OF GERALD FRENCH d/b/a Residential Services (TDLR Case No. ELC20170019145)

On October 4, 2017, a Default Order was entered against Gerald French d/b/a O.C. Residential Services, resulting in a penalty of \$8,000. In April and May 2017, the Respondent offered to perform non-exempt electrical work by advertising on his company website and on seven company vehicles at a time when he did not hold an Electrical Contractor license. The Respondent had held a Master Electrician license that was revoked in January 2107, before the date of the violation. The Department sent notices to the Respondent, but he did not respond.

IN THE MATTER OF TOMAS M. Salinas, JR. d/b/a/ VOLT ELECTRIC (TDLR Case No. ELC20170020633)

On October 12, 2017, a Default Order was entered against Tomas M. Salinas, Jr. d/b/a Volt Electric, resulting in a penalty of \$5000 and revocation of the Respondent's Apprentice Electrician license. During a Department sting operation in June 2017, the Respondent offered to perform non-exempt electrical work at a time when he did not hold an Electrical Contractor license. The Respondent had held an Apprentice Electrician license that expired in December 2016. The Department sent notices to the Respondent, but he did not respond.

IN THE MATTER OF JERITH ALEXANDER GOODMAN (TDLR Case No. ELC20180001035)

On October 30, 2017, the Department issued the letter denying the application of Jerith Alexander Goodman for an Apprentice Electrician license. During the criminal history review, it was determined the applicant was currently incarcerated, which requires denial of the application.

IN THE MATTER OF ENVIRO-LIFE SOLUTIONS, LLC. (TDLR Case No. ELC20170010447)

On November 20, 2017, an Agreed Order was entered against Enviro-Lite Solutions, LLC, resulting in a penalty of \$15,000. The Respondent offered to perform non-exempt electrical work by contracting to perform work at five different elementary schools and at locations operated by the City of Pharr. The Respondent did not hold an Electrical Contractor license. This penalty has been paid in full.

IN MATTER OF LARRY W. PRYOR d/b/a ROGER AND SON (TDLR Case No. ELC20170021006)

On November 20, 2017, an Agreed Order was entered against Larry W. Pryor d/b/a Roger and Son, resulting in a penalty of \$1,500. The Respondent allowed the use of his Electrical Contractor license to obtain an electrical permit in the construction of a residence, but the Respondent did not perform any of the electrical work. This penalty has been paid in full.

Key Statistics – Fiscal Year 2018

Shown below are key statistics for the Electrician program and for all TDLR programs combined through November of Fiscal Year 2018.

<u>Statistic</u>	<u>ELC</u>	<u>TDLR</u>
• Number of cases opened:	641	2,362
• Number of cases resolved:	478	2,329
• Number of Agreed Orders:	21	356
• Total amount of penalties assessed:	\$117,100	\$661,475
• Total amount of penalties collected:	\$32,375	\$314,842

ELECTRICAL SAFETY AND LICENSING ADVISORY BOARD JANUARY 11th, 2018

DIVISION PROJECTS AND UPDATES

EDUCATION, EXAMINATION, AND SCHOOL SERVICES

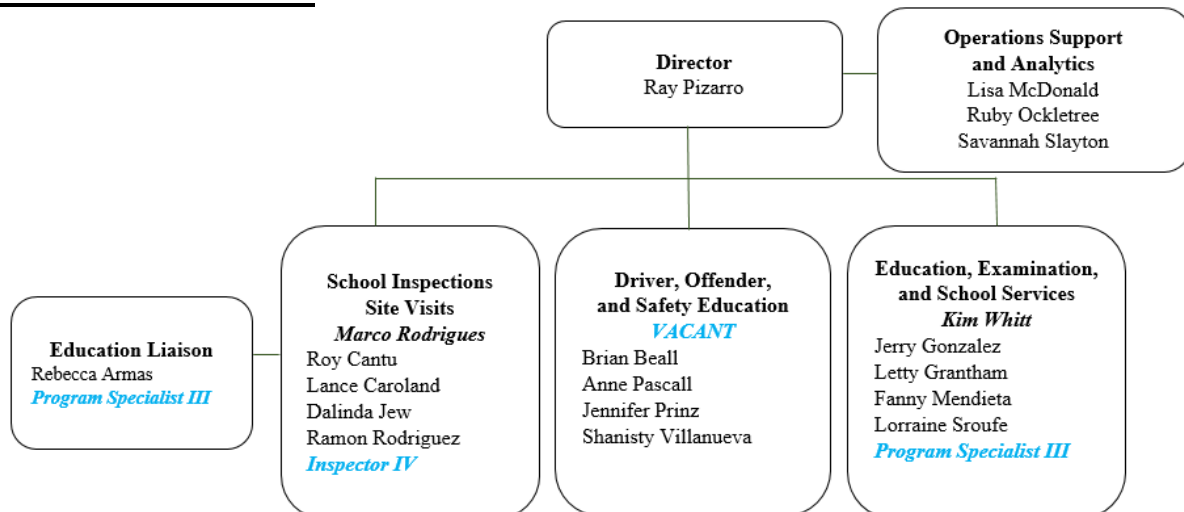
TOTAL E-MAIL ANSWERED BY STAFF
(AS OF NOVEMBER 30th, 2017)

MONTH	FY 2018	FY 2017	FY 2016	FY 2015
September	1,545	1,158	1,389	
October	1,205	1,263	1,060	
November	1,357	744	996	
December		653	760	
January		955	1,060	
February		974	1,047	
March		1,463	994	
April		981	966	
May		1,140	1,061	
June		1,747	911	
July		804	767	835
August		1,266	1,123	1,104
TOTAL	4,107	13,148	12,134	1,939

EXAMINATION REVIEW COMMITTEE

On October 3rd – 5th, 2017, examination staff attended the Journeyman Industrial Electrician Examination Review Committee meeting to develop the examination content outline and identify existing question items from other electrician examinations that could be appropriated to the Journeyman Industrial Electrician Examination.

NEW DIVISION CHART



EDUCATION AND EXAMINATION STATISTICS AND TRENDS

EXAMINATION STATISTICS (AS OF NOVEMBER 30, 2017)

FY 2018	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	379	186	171	736				0				0				0	736
FAIL	726	593	519	1,838				0				0				0	1,838
TOTAL	1,105	779	690	2,574				0				0				0	2,574
RATE	34.3%	23.9%	24.8%	28.6%				0				0				0	28.6%

FY 2017	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	220	255	213	688	236	177	259	672	283	287	267	837	275	354	393	1,022	3,219
FAIL	400	460	462	1,322	445	329	424	1,198	527	475	477	1,479	484	559	728	1,771	5,770
TOTAL	620	715	675	2,010	681	506	683	1,870	810	762	744	2,316	759	913	1,121	2,793	8,989
RATE	35.5%	35.7%	31.6%	34.2%	34.7%	35.0%	37.9%	35.9%	34.9%	37.7%	35.9%	36.1%	36.2%	38.8%	35.1%	36.6%	35.8%

FY 2016	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
PASS	187	187	176	550	151	153	238	542	229	227	223	679	206	224	193	623	2,394
FAIL	383	373	338	1,094	341	336	459	1,136	472	454	405	1,331	420	372	332	1,124	4,685
TOTAL	570	560	514	1,644	492	489	697	1,678	701	681	628	2,010	626	596	525	1,747	7,079
RATE	32.8%	33.4%	34.2%	33.5%	30.7%	31.3%	34.1%	32.3%	32.7%	33.3%	35.5%	33.8%	32.9%	37.6%	36.8%	35.7%	33.8%

**EXAMINATION BY LICENSE TYPE
(AS OF NOVEMBER 30, 2017)**

1 ST QUARTER SEPTEMBER - - OCTOBER - - NOVEMBER					2 ND QUARTER DECEMBER - - JANUARY - - FEBRUARY				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER	135	373	508	26.57%	MASTER				
MASTER NEC			0	0.00%	MASTER NEC				
JOURNEYMAN LINEMAN	1	4	5	20.00%	JOURNEYMAN LINEMAN				
JOURNEYMAN	465	999	1,464	31.76%	JOURNEYMAN				
MAINTENANCE	2	7	9	22.22%	MAINTENANCE				
RESIDENTIAL WIREMAN	46	139	185	24.86%	RESIDENTIAL WIREMAN				
MASTER SIGN	4	8	12	33.33%	MASTER SIGN				
JOURNEYMAN SIGN	4	19	23	17.39%	JOURNEYMAN SIGN				
APPLIANCE INSTALLER	52	85	137	37.96%	APPLIANCE INSTALLER				
TOTAL (ALL)	736	1,838	2,574	28.59%	TOTAL (ALL)				
3 RD QUARTER MARCH - - APRIL - - MAY					4 TH QUARTER JUNE - - JULY - - AUGUST				
LICENSE TYPE	PASS	FAIL	TOT	RATE	LICENSE TYPE	PASS	FAIL	TOT	RATE
MASTER					MASTER				
MASTER NEC					MASTER NEC				
JOURNEYMAN LINEMAN					JOURNEYMAN LINEMAN				
JOURNEYMAN					JOURNEYMAN				
MAINTENANCE					MAINTENANCE				
RESIDENTIAL WIREMAN					RESIDENTIAL WIREMAN				
MASTER SIGN					MASTER SIGN				
JOURNEYMAN SIGN					JOURNEYMAN SIGN				
APPLIANCE INSTALLER					APPLIANCE INSTALLER				
TOTAL (ALL)					TOTAL (ALL)				

**CONTINUING EDUCATION COURSE, PROVIDER, AND CURRICULUM STATISTICS
(AS OF NOVEMBER 30, 2017)**

FY 2018	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
COURSE APPROVAL ISSUED	13	5	10	28				0				0				0	28
TOTAL COURSES	147	141	140	140				0				0				0	140

***NOTE: Currently, there are 107 Electrician Continuing Education Providers.**

FY 2017	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
COURSE APPROVAL ISSUED	4	9	13	26	16	20	11	47	15	11	7	33	12	6	12	30	136
TOTAL COURSES	157	156	159	159	146	146	134	134	133	141	137	137	143	139	142	142	142

FY 2016	SEP	OCT	NOV	Q1	DEC	JAN	FEB	Q2	MAR	APR	MAY	Q3	JUN	JUL	AUG	Q4	TOT
COURSE APPROVAL ISSUED	5	8	15	28	35	11	24	70	15	4	8	27	12	7	13	32	157
TOTAL COURSES	142	146	149	149	170	159	162	162	158	156	157	157	164	159	157	157	157

Electrical Safety and Licensing Advisory Board Compliance Division - Staff Report

January 11, 2018



TDLR Compliance Staff Meetings (Other Notable Activities)

- 11/01: Presented at BPI in Austin, TX.
- 11/02 - 12/14: Participated in NFPA Code-making Panel 17 Task Group web meetings on public inputs related to 2020 NEC.
- 11/28: NEC 2017 training presented by NFPA and TDLR in Houston, TX.
- 11/29: NEC 2017 training presented by NFPA and TDLR in Houston, TX.
- 12/05 - 12/07: Exam development for ME exam in Austin, TX.



Concerns from the Texas Electrical Industry

We are still hearing concerns from members of the Texas electrical industry that some electrical contractors and electricians may not be abiding by state requirements. All licensees must remember:

- To display their TECL contractor # and company name on both sides of all vehicles used in conducting electrical work.
- To include their TECL contractor # and TDLR's contact information on all invoices and proposals.
- That to "perform or offer to perform electrical work", one must hold the appropriate TECL license.
- That all electrical equipment must be "listed" per Article 110.3(B) of the NEC, unless the local authority having jurisdiction has amendments that would supersede these requirements.
- That working with an expired license is the same as unlicensed activity – one cannot perform or offer to perform electrical work with an expired license.
- That an electrical contractor license is not valid without a licensed Master Electrician assigned to the TECL.



2017 NEC - the state electrical code for Texas as of September 15, 2017

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 August 2017, the Texas Commission of Licensing and Regulation, which oversees TDLR, adopted amendments to Chapter 73.100 of the Electricians administrative rules and established the 2017 NEC as the "minimum standard" for all electrical work in Texas covered by the Act. The effective date was September 15, 2017.

Chapter 1305.201 of the Act provides municipalities the authority to make local amendments to the 2017 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 15, 2017 must be installed in accordance with the 2017 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.

All examinations for state electrical licenses are now based on the 2017 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.