TABLES & GRAPHICS

Graphic images included in rules are published separately in this tables and graphics section. Graphic images are arranged in this section in the following order: Title Number, Part Number, Chapter Number and Section Number.

Graphic images are indicated in the text of the emergency, proposed, and adopted rules by the following tag: the word "Figure" followed by the TAC citation, rule number, and the appropriate subsection, paragraph, subparagraph, and so on.

Figure: 7 TAC § 155.2(c)(6)

PAYOFF STATEMENT FORM

Name of Mortgage Servicer _____ REQUEST DATE: ___/___/_____
Name of Representative _____
Street or E-mail Address _____ SENT BY: ☐ Mail ☐ E-mail
City, State, Zip Code _____ ☐ Facsimile

LOAN INFORMATION

MORTGAGOR: _____ NEXT PAYMENT DUE DATE: ___/___/____

COLLATERAL: _____ Loan Type: _____

AMOUNT DUE

THIS STATEMENT REFLECTS THE TOTAL AMOUNT DUE UNDER THE TERMS OF THE NOTE/SECURITY INSTRUMENT THROUGH THE CLOSING DATE WHICH IS ___/___/_____. If this obligation is not paid in full by this date, then you should obtain from us an updated payoff amount before closing.

Total Principal, Interest, and other amounts due under the Note/Security Instrument:

Unpaid Principal Balance:	$ _____
Interest through ___/___/_____	$ _____
Less Reductions in amount due	$ _____
_____	$ _____
_____	$ _____
_____	$ _____
_____	$ _____
TOTAL AMOUNT DUE:	$ _____

WHERE TO SUBMIT PAYOFF FUNDS

WIRE TRANSFER

Beneficiary Name: _____ _____
Beneficiary/Receiving Bank: _____
Beneficiary Bank ABA: _____
Beneficiary Bank Account: _____
Special Information to Beneficiary: _____
_____ _____
_____ _____

OVERNIGHT MAIL

Attention: _____
Company: _____
Address: _____
_____
_____
_____

LEGAL NOTICES

TEXAS FINANCE CODE § 343.106 REQUIRES PAYOFF STATEMENT CONTAIN CLOSING DATE AND DATE THROUGH WHICH PAYOFF AMOUNT IS VALID. THESE REQUIREMENTS CANNOT BE DELETED FROM PAYOFF STATEMENT.

TEXAS FINANCE CODE § 343.106 REQUIRES THE IMPLEMENTING RULE TO ALLOW MORTGAGE SERVICERS AT LEAST SEVEN (7) BUSINESS DAYS FROM THE DATE OF RECEIPT OF PAYOFF REQUEST TO RESPOND TO A REQUEST MADE UNDER THE STATUTE.

ANY AMOUNT HELD IN ESCROW AT CLOSING WILL BE SETTLED IN ACCORDANCE WITH APPLICABLE FEDERAL LAW.

OPTIONAL SECTIONS

This is an Adjustable Rate Mortgage. Under the terms of this loan the next Change Date for the interest rate charged is ___/___/_____. We will only issue a payoff good through the next Change Date. If the closing date is past the next Change Date an updated Payoff Statement from us will be required.

If loan has quotable per diem interest, then "Funds received after ___/___/_____ will be subject to an additional $_____ of interest per day." FUNDS MUST BE RECEIVED BY _____ FOR SAME-DAY PROCESSING. PAYOFFS ARE NOT POSTED ON WEEKENDS OR HOLIDAYS. INTEREST WILL BE ADDED TO THE ACCOUNT FOR THESE DAYS.

NOTE: This Note/Security Instrument is due for payment on ___/___/_____. If payment is not received within _____ days of the current payment due date, a late charge of $_____ will be assessed. Please add that amount to the payoff total.

Escrow Disbursement Amounts & Dates:

Description(s):	Amount(s) Held:	Next Disbursement Date(s):
_____	$_____	_____
_____	$_____	_____
_____	$_____	_____

Release of Lien Processing:

Figure: 16 TAC §9.15(e)
(Revised January 2020)

TABLE 1. LP-Gas Penalty Schedule Guideline

LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range
Tex. Nat. Res. Code, Chapter 113	Any violation of Chapter 113, Texas Natural Resources Code	$1,000-2,500
16 TAC §9.4(a)	Retention of records	$500
16 TAC §9.4(d)	Licensee and registrant obligations	$2,500
16 TAC §9.7(a)	Performing LP-gas activities without proper certification and/or license	$500
16 TAC §9.7(d)	Copies of licenses and/or certifications	$100
16 TAC §9.7(g)	Company representative and/or branch manager	$500
16 TAC §9.7(h)	Performing container manufacturing activities without proper registration	$500
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 1-2 months	$500
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 3-4 months	$750
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 5-6 months	$1,000
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, more than 6 months	$1,000-2,500
16 TAC §9.9	Requirements for certificate renewal	$250
16 TAC §9.11	Employee transfers	$100
16 TAC §9.12	Trainees	$500-1,000
16 TAC §9.13	General installers and repairman exception	$500-1,000
16 TAC §9.17	Designation and responsibilities of company reps	$500
16 TAC §9.21	Franchise tax certification and assumed name certificates	$500
16 TAC §9.22	Changes in ownership, form or name of dealership	$500
16 TAC §9.23	Limitation/avoidance of licensee liability	$2,500
16 TAC §9.26	Insurance and self-insurance requirements	$1,000
16 TAC §9.28	Reasonable safety provisions	$2,500
16 TAC §9.32	Consumer safety notification	$500
16 TAC §9.35	Written procedure for leak check	$100-500
16 TAC §9.36(a)	Report of an LP-gas incident/accident	$1,000
16 TAC §9.36(c)	Completed Form 20	$100
16 TAC §9.36(e)	Category P must notify supplier of incident	$250
16 TAC §9.41	Testing LP-gas systems in school facilities	$1,000
16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 1-5 occurrences	$100
16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 6-10 occurrences	$200
16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), >10 occurrences	$500
16 TAC §9.101(c)	Filings for stationary installations Form 500 (>= 10,000 gal AWC)	$1,000
16 TAC §9.109	Physical inspection of stationary installation	$250-1,000
16 TAC §9.113	Maintenance	$250-1,000
16 TAC §9.114(a)	Odorization in accordance with NFPA 58	$500-2,500
16 TAC §9.126(a)-(b)	All appurtenances and equipment shall be listed	$1,000

LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range
16 TAC §9.126(c)	Licensee or operator of equipment not listed but approved for use by manufacturer shall maintain documentation	$250
16 TAC §9.129	Manufacturer's nameplate and markings	$1,000
16 TAC §9.131	200 PSIG working pressure stationary vessels	$500-1,000
16 TAC §9.132	Sales to unlicensed individuals	$1,000
16 TAC §9.134	Connecting container to piping	$250-1,000
16 TAC §9.135	Unsafe or unapproved containers, cylinders or piping	$500-2,500
16 TAC §9.136	Filling DOT containers	$500-2,500
16 TAC §9.137	Inspection of containers at each filling	$500
16 TAC §9.140	Uniform protection standards	$100-750
16 TAC §9.141	Uniform safety requirements	$100-750
16 TAC §9.142	LP-gas storage and installation requirements	$100-500
16 TAC §9.143	Bulkhead, internal valve, ball valve and ESV protection	$500-2,500
16 TAC §9.201	Applicability (includes 49 CFR 100-185)	$500-2,500
16 TAC §9.202	Registration and transfer of LP-gas transports	$500-1,500
16 TAC §9.203	School bus, public transportation, mass and special transit	$100-500
16 TAC §9.204	Maintenance of vehicles	$250-1,000
16 TAC §9.206	Vehicle identification labels	$50-100
16 TAC §9.208	Testing requirements	$250-1,000
16 TAC §9.211	Markings	$250
16 TAC §9.212	Manifests	$250
16 TAC §9.301	NFPA 54 adopted by reference unless otherwise listed	$250-2,500
16 TAC §9.301	NFPA 54 Section 7.1.2.1 underground piping cover requirements	$250-750
16 TAC §9.301	NFPA 54 Section 7.1.7.1 connection of plastic piping	$500-1,000
16 TAC §9.301	NFPA 54 Section 7.1.7.3 tracer wire	$100-500
16 TAC §9.301	NFPA 54 Section 7.7.2.1 cap all outlets	$100-500
16 TAC §9.301	NFPA 54 Section 8.2.3 test for leakage	$1,500
16 TAC §9.301	NFPA 54 Section 9.1.1.2 appliance installation	$500-1,000
16 TAC §9.301	NFPA 54 Section 9.6.8 sediment trap	$100-500
16 TAC §9.301	NFPA 54 Section12.2.1 venting of appliances	$500-1,000
16 TAC §9.306	Room heaters in public buildings	$250-1,000
16 TAC §9.307	Identification of converted appliances	$100-250
16 TAC §9.308	Identification of piping installation	$100-250
16 TAC §9.311	Special exceptions for appliance connectors and piping support on agricultural and industrial structures	$100-500
16 TAC §9.312	Certification requirements for joining methods	$500
16 TAC §9.401	NFPA 58 adopted by reference unless otherwise listed	$250-2,500
16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), first occurrence	$500
16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 2nd occurrence	$750
16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 3 or more occurrences	$1,000

LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range
16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 1-10 cylinders	$500
16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 11-20 cylinders	$750
16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), >20 cylinders	$1,000
16 TAC §9.401	NFPA 58 Section 9.4.8 (chock blocks)	$100-250
16 TAC §9.403	Sections in NFPA 58 not adopted by reference or adopted with change or additional requirements	$250-2,500

Figure: 16 TAC §9.15(k)
(Revised January 2020)

TABLE 5. LP-Gas Penalty Worksheet

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
1	Tex. Nat. Res. Code, Chapter 113	Any violation of Chapter 113, Texas Natural Resources Code	$1,000-2,500	$
2	16 TAC §9.4(a)	Retention of records	$500	$
3	16 TAC §9.4(d)	Licensee and registrant obligations	$2,500	$
4	16 TAC §9.7(a)	Performing LP-gas activities without proper certification and/or license	$500	$
5	16 TAC §9.7(d)	Copies of licenses and/or certifications	$100	$
6	16 TAC §9.7(g)	Company representative and/or branch manager	$500	$
7	16 TAC §9.7(h)	Performing container manufacturing activities without proper registration	$500	$
8	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 1-2 months	$500	$
9	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 3-4 months	$750	$
10	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 5-6 months	$1,000	$
11	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, more than 6 months	$1,000-2,500	$
12	16 TAC §9.9	Requirements for certificate holder renewal	$250	$
13	16 TAC §9.11	Employee transfers	$100	$
14	16 TAC §9.12	Trainees	$500-$1,000	$
15	16 TAC §9.13	General installers and repairman exception	$500-1,000	$
16	16 TAC §9.17	Designation and responsibilities of company reps	$500	$
17	16 TAC §9.21	Franchise tax certification and assumed name certificates	$500	$
18	16 TAC §9.22	Changes in ownership, form or name of dealership	$500	$
19	16 TAC §9.23	Limitation/avoidance of licensee liability	$2,500	$
20	16 TAC §9.26	Insurance and self-insurance requirements	$1,000	$
21	16 TAC §9.28	Reasonable safety provisions	$2,500	$
22	16 TAC §9.32	Consumer safety notification	$500	$
23	16 TAC §9.35	Written procedure for leak check	$100-500	$
24	16 TAC §9.36(a)	Report of an LP-gas incident/accident	$1,000	$
25	16 TAC §9.36(c)	Completed Form 20	$100	$
26	16 TAC §9.36(e)	Category P must notify supplier of incident	$250	$
27	16 TAC §9.41	Testing LP-gas systems in school facilities	$1,000	$
28	16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 1-5 occurrences	$100	$
29	16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 6-10 occurrences	$200	$
30	16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), >10 occurrences	$500	$

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
31	16 TAC §9.101(c)	Filings for stationary installations Form 500 (>= 10,000 gal AWC)	$1,000	$
32	16 TAC §9.109	Physical inspection of stationary installation	$250-1,000	$
33	16 TAC §9.113	Maintenance	$250-1,000	$
34	16 TAC §9.114(a)	Odorization in accordance with NFPA 58	$500-2,500	$
35	16 TAC §9.126(a)-(b)	All appurtenances and equipment shall be listed	$1,000	$
36	16 TAC §9.126(c)	Licensee or operator of equipment not listed but approved for use by manufacturer shall maintain documentation	$250	$
37	16 TAC §9.129	Manufacturer's nameplate and markings	$1,000	$
38	16 TAC §9.131	200 PSIG working pressure stationary vessels	$500-1,000	$
39	16 TAC §9.132	Sales to unlicensed individuals	$1,000	$
40	16 TAC §9.134	Connecting container to piping	$250-1,000	$
41	16 TAC §9.135	Unsafe or unapproved containers, cylinders or piping	$500-2,500	$
42	16 TAC §9.136	Filling DOT containers	$500-2,500	$
43	16 TAC §9.137	Inspection of containers at each filling	$500	$
44	16 TAC §9.140	Uniform protection standards	$100-750	$
45	16 TAC §9.141	Uniform safety requirements	$100-750	$
46	16 TAC §9.142	LP-gas storage and installation requirements	$100-500	$
47	16 TAC §9.143	Bulkhead, internal valve, ball valve and ESV protection	$500-2,500	$
48	16 TAC §9.201	Applicability (includes 49 CFR 100-185)	$500-2,500	$
49	16 TAC §9.202	Registration and transfer of LP-gas transports	$500-1,500	$
50	16 TAC §9.203	School bus, public transportation, mass and special transit	$100-500	$
51	16 TAC §9.204	Maintenance of vehicles	$250-1,000	$
52	16 TAC §9.206	Vehicle identification labels	$50-100	$
53	16 TAC §9.208	Testing requirements	$250-1,000	$
54	16 TAC §9.211	Markings	$250	$
55	16 TAC §9.212	Manifests	$250	$
56	16 TAC §9.301	NFPA 54 adopted by reference unless otherwise listed	$250-2,500	$
57	16 TAC §9.301	NFPA 54 Section 7.1.2.1 underground piping cover requirements	$250-750	$
58	16 TAC §9.301	NFPA 54 Section 7.1.7.1 connection of plastic piping	$500-1,000	$
59	16 TAC §9.301	NFPA 54 Section 7.1.7.3 tracer wire	$100-500	$
60	16 TAC §9.301	NFPA 54 Section 7.7.2.1 cap all outlets	$100-500	$
61	16 TAC §9.301	NFPA 54 Section 8.2.3 test for leakage	$1,500	$
62	16 TAC §9.301	NFPA 54 Section 9.1.1.2 appliance installation	$500-1,000	$
63	16 TAC §9.301	NFPA 54 Section 9.6.8 sediment trap	$100-500	$
64	16 TAC §9.301	NFPA 54 Section12.2.1 venting of appliances	$500-1,000	$
65	16 TAC §9.306	Room heaters in public buildings	$250-1,000	$

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
66	16 TAC §9.307	Identification of converted appliances	$100-250	$
67	16 TAC §9.308	Identification of piping installation	$100-250	$
68	16 TAC §9.311	Special exceptions for appliance connectors and piping support on agricultural and industrial structures	$100-500	$
69	16 TAC §9.312	Certification requirements for joining methods	$500	$
70	16 TAC §9.401	NFPA 58 adopted by reference unless otherwise listed	$250-2,500	$
71	16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), first occurrence	$500	$
72	16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 2nd occurrence	$750	$
73	16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 3 or more occurrences	$1,000	$
74	16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 1-10 cylinders	$500	$
75	16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 11-20 cylinders	$750	$
76	16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), >20 cylinders	$1,000	$
77	16 TAC §9.401	NFPA 58 Section 9.4.8 (chock blocks)	$100-250	$
78	16 TAC §9.403	Sections in NFPA 58 not adopted by reference or adopted with change or additional requirements	$250-2,500	$
79	**Subtotal of typical penalty amounts from Table 1 (lines 1-78, inclusive)**			$
80	**Reduction for settlement before hearing: up to 50% of line 79 amt.**		_____%	$
81	**Subtotal: amount shown on line 79 less applicable settlement reduction on line 80**			$
	Penalty enhancement amounts for threatened or actual safety hazard from Table 2			
82	Death or personal injury		$5,000 to $20,000	$
83	Taking facility out of service		$1,000 to $5,000	$
84	Gas ignition or release requiring emergency response		$1,000 to $15,000	$
85	Damage to LP-gas installation or vehicle		$1,000 to $5,000	$
86	Property damage exceeding $5,000		$1,000 to $15,000	$
87	Rerouting of traffic or evacuation of premises		$1,000 to $5,000	$
	Penalty enhancement for severity of violation from Table 2			
88	Time out of compliance		$100 to $2,000/ mo.	$
89	**Subtotal: amount shown on line 81 plus all amounts on lines 82 through 88, inclusive**			$
90	Reckless conduct of person charged		Up to double line 81	$
91	Intentional conduct of person charged		Up to triple line 81	$
	Penalty enhancements for number of prior violations within past seven years from Table 3			
92	One		$1,000	$
93	Two		$2,000	$
94	Three		$3,000	$
95	Four		$4,000	$

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
96	Five or more		$5,000	$
Penalty enhancements for amount of penalties within past seven years from Table 4				
97	Less than $10,000		$1,000	$
98	Between $10,000 and $25,000		$2,500	$
99	Between $25,000 and $50,000		$5,000	$
100	Between $50,000 and $100,000		$10,000	$
101	Over $100,000		10% of total amount	$
102	**Subtotal: Line 89 amt. plus amts. on line 90 through 101, inclusive**			$
103	**Reduction for demonstrated good faith of person charged**			$
104	**TOTAL PENALTY AMOUNT: amount on line 102 less any amount shown on line 103**			$

Figure: 16 TAC §9.26(a)

§9.26. INSURANCE REQUIREMENTS
TABLE 1 (Revised January 2020)

Category of License	Type of Coverage	
All Except P	Workers' Compensation, including Employer's Liability or Alternative to Workers' Compensation including Employer's Liability, or Accident/Health insurance coverage: Medical expenses in the principal amount of at least $150,000; accidental death benefits in the principal amount of at least $100,000; loss of limb or sight on a scale based on principal amount of at least $100,000; loss of income based on at least 60% of employee's pre-injury income for at least 52 weeks, subject to a maximum weekly wage calculated annually by the Texas Workforce Commission	
A, A1, A1, B, C, E, O, H, J, and Registered Manufacturers	General liability coverage including: premises and operations in an amount of at least $300,000 per occurrence and $300,000 aggregate	
A, A1, A2, B, C, E, O, and Registered Manufacturers	Completed operations or products liability insurance, or both, in an amount of at least $300,000 aggregate	
D, F, G, I, K, L, M, N, P	General liability coverage including: premises and operations in an amount of at least $25,000 per occurrence with a $50,000 policy aggregate	
C, E, H, J, Ultimate Consumer	Motor vehicle coverage: minimum $500,000 ($300,000 for state agencies) combined single limit for bodily injuries to or death of all persons injured or killed in any one accident, and loss or damage to property of others in any one accident	

Figure: 16 TAC §9.313

NFPA 54 Sections with Additional Requirements or Not Adopted (Effective September 1, 2020)		
Affected NFPA 54 Section	**Specific Action**	**Commission Rule(s) to be Followed or Other Comments**
Chapter 7	additional requirements	See Commission rule '9.308, Identification of Piping Installation
9.1.3	additional requirements	See Commission rule '9.307, Identification of Converted Appliances.
9.6.2	additional requirements	See Commission rule '9.311(a), Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support.
10.22.3	additional requirements	See Commission rule '9.306, Room Heaters in Public Buildings.
10.28	not adopted	See Commission rule '9.303, Exclusion of NFPA 54, §10.28

Figure: 16 TAC §9.403(a)

§9.403 Table--Sections in NFPA 58, 2017 Edition, Not Adopted by Reference, or Adopted With Changes, Additional Requirements, or Corrections (Effective September 1, 2020)

Affected NFPA 58 Section	**Specific Action**	**Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)**
3.2.2	additional requirement	In addition to definition for "Authority Having Jurisdiction," see Commission rule §9.402(a), Clarification of Certain Terms Used in NFPA 58.
4.3.1	not adopted	See Commission rules §9.27, Application for an Exception to a Safety Rule, and §9.101, Filings Required for Stationary LP-Gas Installations.
4.3.3	additional requirement	See Commission rule §9.101(b), Filings Required for Stationary LP-Gas Installations.
4.4	additional requirement	See Commission rules §§9.8, Requirements and Application for a New Certificate and 9.51, General Requirements for Training and Continuing Education.
5.2.1.1	additional requirement	See Commission rules §9.135, Unsafe of Unapproved Containers, Cylinders, or Piping, and §9.137, Inspection of Containers at Each Filling.
5.2.1.11	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
5.2.2	additional requirement	See Commission rules §9.135, Unsafe of Unapproved Containers, Cylinders, or Piping, and §9.137, Inspection of Containers at Each Filling.
5.2.4.2	additional requirement	See Commission rule §9.131, 200 PSIG Working Pressure Stationary Vessels.
5.2.8.1	additional requirement	See Commission rules §9.140(g), Table 1, System Protection Requirements, and §9.141(e), Uniform Safety Requirements.
5.2.8.3 (A) and (B)	not adopted	See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers.
5.2.8.3(C)	additional requirement	See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers.
5.2.8.5	with changes	All containers that contain unodorized LP-gas products shall be marked "NOT ODORIZED" or "NON-ODORIZED".
5.9.2.5(A)	additional requirement	See Commission rule §9.131, 200 PSIG Working Pressure Stationary Vessels.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
5.9.4.1	additional requirement	See Commission rule §9.143(c), Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
Table 5.9.4.1(B)	with changes	Heading: Container Connection and Appurtenance Requirements [~~for Containers Used in Other Than Bulk Plants and Industrial Plants~~]
5.9.4.2	not adopted	See Commission rule §9.126(d), Appurtenances and Equipment.
Table 5.9.4.2	not adopted	See Commission Rule §9.126(d), Appurtenances and Equipment.
5.9.7.1	with changes	Other container openings shall be equipped with any of the following: (1) - (5) no change) (6) For reducing the size of a container opening, only one bushing with a minimum pressure rating in accordance with Table 5.11.4.1 shall be installed.
5.11.5	additional requirement	See Commission rule §9.308(d), Installation of Piping.
5.11.6	additional requirement	See Commission rule §9.143(g), Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
5.11.6.5	additional requirement	See Commission rule §9.311, Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support.
5.23	additional requirement	See Commission rule §9.307, Identification of Converted Appliances.
6.2.2	with changes	LP-Gas containers shall be allowed in buildings only for the following applications: (1) - (7) (no change) ~~[(8) Cylinders awaiting use, resale, or exchange when stored in accordance with Sections 8.2 and 8.3.]~~
6.4.1.1	additional requirement	See Commission rule §9.142, LP-Gas Container Storage and Installation Requirements.
6.4.1.2	not adopted	
6.5.1.1	with changes	Where [~~storage~~] containers [~~having an aggregate water capacity of more than 4000 gal (15.1 m3)~~] are located in heavily populated or congested areas, the siting provisions of 6.4.1.1 and Table 6.4.1.1 shall be permitted to be modified [~~as indicated~~] by the [~~fire safety analysis described in 6.29.3~~] Commission.
6.5.4.1	additional requirement	See Commission rule §9.141(f), Uniform Safety Requirements.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
6.8.1.2	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.8.1.4	additional requirement	See Commission rule §9.141(a), Uniform Safety Requirements.
6.8.2.1	with changes	Cylinders shall be installed only aboveground and shall be set upon a firm foundation of concrete, masonry, or metal and [~~or otherwise~~] be firmly secured against displacement. (See 6.6.2.2)
6.8.3.1	with changes	Horizontal ASME containers designed for permanent installation in stationary aboveground service shall be placed on masonry or other noncombustible structural supports located on concrete or masonry foundations with the container supports. Containers shall not be in contact with the soil.
6.8.6.1(A) – (E)	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.8.6.1(I)	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.8.6.2(A)	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.8.6.2(F)	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.8.6.3(F)	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.10.2.3	with changes	Single-stage regulators shall not be installed in fixed piping systems on or after February 1, 2001 [~~June 30, 1997~~], except for installations covered in 6.10.2.4.
6.11.3.10	with changes	Aboveground piping shall be supported and protected against physical damage [~~by vehicles~~].
6.11.3.14	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.11.3.16	with changes	Underground metallic piping, tubing or both that convey LP-Gas from an underground partially buried or mounded [~~a~~] gas storage container shall be provided with dielectric fittings installed above ground and outdoors at the building to electrically isolate it from the aboveground portion of the fixed piping system that enters a building.
6.11.6.1	additional requirement	See Commission rule §9.143, Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
6.11.6.3	with changes	Flexible metallic connectors shall not exceed 5 ft (1.5m) in overall length when used with liquid or vapor piping on stationary containers [~~of 2000 gal (7.6 m3) water capacity or less~~].

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
6.13.1	with changes	The requirements of 6.13.2 through 6.13.5 shall be required for internal valves in liquid and/or vapor service installed in containers of over 4000-gal (15.2-m3) water capacity by July 1, 2003.
6.13.2	with changes	Internal valves shall be installed in accordance with Commission rule §9.126(d) [~~5.9.4.2 and Table 5.9.4.2~~] on containers over 4000 gal (15.2 m3) water capacity.
6.13.3.1	with changes	Automatic shutdown of internal valves in liquid and/or vapor service shall be provided using thermal (fire) actuation.
6.13.4.1	with changes	At least one remote shutdown station for internal valves in liquid and/or vapor service shall be installed in accordance with the following: (1)-(3) no change
6.13.5	not adopted	See Commission rule §9.140(g), System Protection Requirements, Table 1.
6.14	not adopted	See Commission rule §9.143, Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
6.19.2	additional requirement	See Commission rule §116, Container Corrosion Protection System.
6.19.4	not adopted	
6.21.1	additional requirement	See Commission rule §9.113, Installation and Maintenance.
6.21.4.2	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
6.22.3.2(3)	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
6.22.9.3	not adopted	See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.
6.22.9.4	not adopted	See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.
6.25.2.4	with changes	The provision of 6.25.2.2 shall not apply to fixed electrical equipment at residential [~~or commercial~~] installations of LP-Gas systems or to systems covered by Section 6.26.
6.27.3.7	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
6.27.3.8	with changes	The container liquid withdrawal opening used with retail operated vehicle fuel dispensers and retail operated dispensing stations shall be equipped with one of the following: (1) – (2) (No change)

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
6.27.3.13	with changes	Vehicular barrier protection (VBP) shall be provided for containers serving dispensers where those containers are located within 10 ft (3 m) of a vehicle thoroughfare or parking location in accordance with §9.140(d), System Protection Requirements [~~6.27.3.13(A) or 6.27.3.13(B)~~]. (A)-(B) not adopted
6.27.3.14	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.27.3.15	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.27.3.16	with changes	A listed quick-acting shutoff valve or a listed quarter turn ball valve with a locking handle shall be installed at the discharge end of the transfer hose.
6.27.3.17	additional requirement	See Commission rule §9.140, System Protection Requirements, Table 1.
6.27.4.1	additional requirement	See Commission rule §9.141(b)(3), Uniform Safety Requirements.
6.27.4.2	additional requirement	See Commission rule §9.141(b), Uniform Safety Requirements.
6.29.1	with changes	Section 6.29 shall apply to fire protection for industrial plants, bulk plants and dispensing systems with an aggregate water capacity greater than 4,000 gallons.
6.29.3.1	with changes	Fire protection shall be provided for installations with an aggregate water capacity of 10,000 gallons or more ~~[than 4000 gal (15.2 m3)~~] and for ASME containers on roofs.
6.29.3.2	with changes	The modes of fire protection shall be specified in a written fire safety analysis for new installations, for existing installations that have an aggregate water capacity of 10,000 gallons or more [~~than 4000 gal (15.2 m3)~~], and for ASME containers on roofs. Existing installations shall comply with this requirement within two years of the effective date of the amendments to §9.403, Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements [~~within 2 years of the effective date of this code~~].
6.29.3.3	with changes	The fire safety analysis shall be submitted by the owner, operator, or their designee to the authority having jurisdiction, upon request, and local emergency responders.
6.30	with changes	Alternate Provisions for Installation of Underground and Mounded ASME Containers
7.2.2.16	additional requirement	See Commission rule §9.137, Inspection of Cylinders at Each Filling
7.2.3.8	additional requirement	See Commission rule §9.143(c)(2), Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
7.4.2.1	additional requirement	See Commission rule §9.136, Filling of DOT Containers.
7.4.3.1	with changes	The volumetric method shall be limited to the following containers, where they are designed and equipped for filling by volume: [~~(1) Cylinders of less than 200 lb (91 kg) water capacity that are not subject to DOT jurisdiction~~] (2) Cylinders of 101 lb LP-gas capacity [~~200 lb (91 kg) water capacity~~] or more (3) Cargo tanks or portable tanks (4) ASME and API-ASME containers complying with 5.2.1.1 or 5.2.4.2
8.2.1.1	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
8.3.1	not adopted	
Table 8.3.1(a)	not adopted	
Table 8.3.1(b)	with changes	Heading: Maximum Allowable Storage Quantities of LP-Gas in [~~Mercantile,~~] Industrial, and Storage Occupancies Column (2) (Mercantile) Not Adopted
8.3.2	not adopted	See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.
8.4.1.1	additional requirement	See Commission rule §9.141(i), Uniform Safety Requirements.
8.4.2.2	additional requirement	See Commission rule §9.140(h), System Protection Requirements.
8.4.3	not adopted	See Commission rule §9.27, Application for an Exception to a Safety Rule.
8.5.5	not adopted	See Commission rule §9.141(i), Uniform Safety Requirements.
9.4.6.2	additional requirement	See Commission rule §9.211, Markings.
9.4.8	with changes	Any unit registered with the Commission [~~Each cargo tank vehicle or trailer~~] shall utilize a wheel stop, in addition to the parking or hand brake, whenever the unit [~~cargo tank vehicle~~] is loading, unloading or parked, to prevent the unit from unintended movement.
9.6.2.2	with changes	Valves and fittings shall be protected by a method [~~approved by the authority having jurisdiction~~] to minimize the possibility of damage.
11.2	additional requirement	See Commission rules §§9.8, Requirements and Application for a New Certificate and 9.51, General Requirements for LP-Gas Training and Continuing Education.
11.3.4(A)	not adopted	See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
12.3.4.2	with changes	The label marking shall consist of a border and the word PROPANE in letters not less than1 in. (25 mm) in height, centered in the diamond, of silver or white reflective luminous material on a black or Pantone 2945 C Royal Blue or equivalent background.
12.5.4(5)	additional requirement	Each specific mounting bracket shall be marked in a visible location, to indicate the manufacturer of the bracket.
12.5.13(2)	additional requirement	See Commission rule §9.211(b), Markings.
Chapter 14	not adopted	Commission authority does not extend to marine shipping and receiving activities.
15.1	with changes	Scope. This chapter includes requirements related to the operations and maintenance of bulk plant, industrial plant, [~~refrigerated, marine~~] and pipeline LP-Gas systems. The provisions of this chapter apply to all new and existing installations. Bulk plants and industrial plants with an aggregate water capacity of 10,000 gallons or more and all pipeline LP-Gas systems shall comply with this chapter. Existing installations shall comply within one year of the effective date of the amendments to §9.403, Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements.

Figure: 16 TAC §82.120(b)

Barber Instructor - 750 hour curriculum standards			
(1)	instruction in theory, consisting of:		175 hours
	(A)	lesson planning	15 hours
	(B)	personality and professional conduct	15 hours
	(C)	development of a barber course	15 hours
	(D)	student learning principles	10 hours
	(E)	principles of teaching	35 hours
	(F)	basic teaching methods	35 hours
	(G)	teaching aids	10 hours
	(H)	testing	10 hours
	(I)	self evaluation	10 hours
	(J)	teaching adults	10 hours
	(K)	classroom problems	5 hours
	(L)	classroom management	5 hours
(2)	instruction in practical work, consisting of:		575 hours
	(A)	assisting with students	350 hours
	(B)	theory class (assisting teacher, observing, teaching)	150 hours
	(C)	learning office procedures and state laws	50 hours
	(D)	grading test papers (assisting teacher, observing, grading)	25 hours

Figure: 16 TAC §82.120(c)

BARBER INSTRUCTOR - 500 HOUR WITH 1 YEAR EXPERIENCE CURRICULUM STANDARDS			
(1)	instruction in theory, consisting of:		125 hours
	(A)	lesson planning	15 hours
	(B)	personality and professional conduct	15 hours
	(C)	development of a barber course	15 hours
	(D)	student learning principles	10 hours
	(E)	principles of teaching	10 hours
	(F)	basic teaching methods	10 hours
	(G)	teaching aids	10 hours
	(H)	testing	10 hours
	(I)	self evaluation	10 hours
	(J)	teaching adults	10 hours
	(K)	classroom problems	5 hours
	(L)	classroom management	5 hours
(2)	instruction in practical work, consisting of:		375 hours
	(A)	assisting with students	250 hours
	(B)	theory class (assisting teacher, observing, teaching)	50 hours
	(C)	learning office procedures and state laws	50 hours
	(D)	grading test papers (assisting teacher, observing, grading)	25 hours

Figure: 16 TAC §82.120(d)

Basics: anatomy and physiology; disorders of the skin, scalp, hair and nails; chemistry (haircoloring, chemical waving, and relaxing); bacteriology, sterilization and sanitation; safety, first aid, and sanitation; barber implements, tools, equipment and related theory; and history of barbering	150
Practice: shaving; mustaches and beards; haircutting; hairstyling; hair and scalp treatments, scalp massage; safety, first aid, and sanitation; hairweaving, extensions, and wigs; face and neck massage and treatments; facial hair removal; manicuring; chemistry (haircoloring, chemical waving, and relaxing); and razor techniques, safety, first aid, and sanitation.	750
Business: Texas barber laws and rules; customer service; barbershop management; professional ethics and image; safety, sanitation, related practices and theory; and hygiene and good grooming	100
TOTAL	1,000

~~[PRIVATE AND PUBLIC POST-SECONDARY BARBER SCHOOL CLASS A BARBER CURRICULUM]~~				
~~[(1)]~~	~~[theory, consisting of:]~~			~~[180 hours]~~
	~~[(A)]~~	~~[anatomy, physiology, and histology, consisting of the study of:]~~		~~[50 hours]~~
		~~[(i)]~~	~~[Hair]~~	
		~~[(ii)]~~	~~[Skin]~~	
		~~[(iii)]~~	~~[Muscles]~~	
		~~[(iv)]~~	~~[Nerves]~~	
		~~[(v)]~~	~~[Cells]~~	
		~~[(vi)]~~	~~[Circulatory system]~~	
		~~[(vii)]~~	~~[Digestion]~~	
		~~[(viii)]~~	~~[Bones]~~	
	~~[(B)]~~	~~[Texas barber law and rules]~~		~~[35 hours]~~
	~~[(C)]~~	~~[bacteriology, sterilization, and sanitation]~~		~~[30 hours]~~
	~~[(D)]~~	~~[disorders of the skin, scalp, and hair]~~		~~[10 hours]~~
	~~[(E)]~~	~~[salesmanship]~~		~~[5 hours]~~
	~~[(F)]~~	~~[barbershop management]~~		~~[5 hours]~~
	~~[(G)]~~	~~[chemistry]~~		~~[5 hours]~~
	~~[(H)]~~	~~[shaving]~~		~~[5 hours]~~
	~~[(I)]~~	~~[scalp, hair treatments and skin]~~		~~[5 hours]~~
	~~[(J)]~~	~~[sanitary professional techniques]~~		~~[4 hours]~~
	~~[(K)]~~	~~[professional ethics]~~		~~[4 hours]~~

	~~[(L)]~~	~~[scientific fundamentals of barbering]~~		~~[4 hours]~~
	~~[(M)]~~	~~[cosmetic preparations]~~		~~[3 hours]~~
	~~[(N)]~~	~~[shampooing and rinsing]~~		~~[2 hours]~~
	~~[(O)]~~	~~[cutting and processing curly and over-curly hair]~~		~~[2 hours]~~
	~~[(P)]~~	~~[haircutting, male and female]~~		~~[2 hours]~~
	~~[(Q)]~~	~~[theory of massage of scalp, face and neck]~~		~~[2 hours]~~
	~~[(R)]~~	~~[hygiene and good grooming]~~		~~[1 hour]~~
	~~[(S)]~~	~~[barber implements]~~		~~[1 hour]~~
	~~[(T)]~~	~~[honing and stropping]~~		~~[1 hour]~~
	~~[(U)]~~	~~[mustaches and beards]~~		~~[1 hour]~~
	~~[(V)]~~	~~[facial treatments]~~		~~[1 hour]~~
	~~[(W)]~~	~~[electricity and light therapy]~~		~~[1 hour]~~
	~~[(X)]~~	~~[history of barbering]~~		~~[1 hour]~~
~~[(2)]~~	~~[instruction in practical work, consisting of the study of:]~~			~~[1320 hours]~~
	~~[(A)]~~	~~[dressing the hair, consisting of:]~~		~~[800 hours]~~
		~~[(i)]~~	~~[men's haircutting]~~	
		~~[(ii)]~~	~~[children's haircutting]~~	
		~~[(iii)]~~	~~[women's haircutting]~~	
		~~[(iv)]~~	~~[cutting and processing curly and over-curly hair]~~	
		~~[(v)]~~	~~[razor cutting]~~	
	~~[(B)]~~	~~[shaving]~~		~~[80 hours]~~
	~~[(C)]~~	~~[styling]~~		~~[55 hours]~~
	~~[(D)]~~	~~[shampooing and rinsing]~~		~~[40 hours]~~
	~~[(E)]~~	~~[bleaching and dyeing of the hair]~~		~~[30 hours]~~
	~~[(F)]~~	~~[waving hair]~~		~~[28 hours]~~
	~~[(G)]~~	~~[straightening]~~		~~[25 hours]~~
	~~[(H)]~~	~~[cleansing]~~		~~[25 hours]~~
	~~[(I)]~~	~~[professional ethics]~~		~~[22 hours]~~
	~~[(J)]~~	~~[barbershop management]~~		~~[22 hours]~~
	~~[(K)]~~	~~[hair weaving and hairpieces]~~		~~[17 hours]~~
	~~[(L)]~~	~~[processing]~~		~~[15 hours]~~
	~~[(M)]~~	~~[clipping]~~		~~[15 hours]~~
	~~[(N)]~~	~~[beards and mustaches]~~		~~[15 hours]~~

	~~[(O)]~~	~~[shaping]~~	~~[15 hours]~~
	~~[(P)]~~	~~[dressing]~~	~~[15 hours]~~
	~~[(Q)]~~	~~[curling]~~	~~[15 hours]~~
	~~[(R)]~~	~~[first aid and safety precautions]~~	~~[11 hours]~~
	~~[(S)]~~	~~[scientific fundamentals of barbering]~~	~~[10 hours]~~
	~~[(T)]~~	~~[barber implements]~~	~~[10 hours]~~
	~~[(U)]~~	~~[haircutting or the process of cutting, tapering, trimming, processing, and molding and scalp, hair treatments, and tonics]~~	~~[10 hours]~~
	~~[(V)]~~	~~[massage and facial treatments]~~	~~[10 hours]~~
	~~[(W)]~~	~~[arranging]~~	~~[10 hours]~~
	~~[(X)]~~	~~[beautifying]~~	~~[10 hours]~~
	~~[(Y)]~~	~~[singeing]~~	~~[7 hours]~~
	~~[(Z)]~~	~~[manicuring]~~	~~[8 hours]~~

Figure: 16 TAC §82.120(e)

Cosmetology Operator to Class A Barber curriculum standards			
(1)	Instruction in theory, consisting of:		25 Hours
	(A)	History of Barbering	1
	(B)	Barber Laws and Rules Review	1
	(C)	Implements, Honing, and Stropping	5
	(D)	Shaving	5
	(E)	Men's Haircutting and tapering	5
	(F)	Beard and Mustache Trimming and Design	1
	(G)	Hair color Review	1
	(H)	Permanent Waving and Relaxing Review	1
	(I)	Manicuring and Nail Care Review	1
	(J)	Facial Treatments and Skin Care Review	1
	(K)	Anatomy and Physiology Review	1
	(L)	Blow-dry Styling Review	1
	(M)	Shampooing and Conditioning Review	1
(2)	Instruction in practical work, consisting of:		275 Hours
	(A)	Men's Haircutting and tapering	165
	(B)	Shaving, Mustache and Beard Trimming	85
	(C)	Hair coloring	5
	(D)	Permanent Waving and Relaxing	5
	(E)	Facial Treatments	5
	(F)	Shampooing and Conditioning and Blow-dry Styling	5
	(G)	Manicuring	5

Figure: 16 TAC §82.120(f)

Basics: anatomy and physiology; disorders of the skin, scalp, hair and nails; chemistry (haircoloring, chemical waving, and relaxing); bacteriology, sterilization and sanitation; safety, first aid, and sanitation; barber implements, tools, equipment and related theory; and history of barbering	150
Practice: shaving; mustaches and beards; haircutting; hairstyling; hair and scalp treatments, scalp massage; safety, first aid, and sanitation; hairweaving, extensions, and wigs; face and neck massage and treatments; facial hair removal; manicuring; chemistry (haircoloring, chemical waving, and relaxing); and razor techniques, safety, first aid, and sanitation.	750
Business: Texas barber laws and rules; customer service; barbershop management; professional ethics and image; safety, sanitation, related practices and theory; and hygiene and good grooming	100
TOTAL	1,000

~~[PUBLIC SECONDARY CLASS A BARBER CURRICULUM FOR HIGH SCHOOL STUDENTS>for high school students]~~				
~~[(1)]~~	~~[Theory, consisting of the study of:]~~			
	~~[(A)]~~	~~[anatomy, physiology, and histology, consisting of the study of:]~~		~~[50 hours]~~
		~~[(i)]~~	~~[Hair]~~	
		~~[(ii)]~~	~~[Skin]~~	
		~~[(iii)]~~	~~[Muscles]~~	
		~~[(iv)]~~	~~[Nerves]~~	
		~~[(v)]~~	~~[Cells]~~	
		~~[(vi)]~~	~~[Circulatory system]~~	
		~~[(vii)]~~	~~[Digestion]~~	
		~~[(viii)]~~	~~[Bones]~~	
	~~[(B)]~~	~~[Texas barber law and rules]~~		~~[25 hours]~~
	~~[(C)]~~	~~[bacteriology, sterilization, and sanitation]~~		~~[30 hours]~~
	~~[(D)]~~	~~[disorders of the skin, scalp, and hair]~~		~~[5 hours]~~
	~~[(E)]~~	~~[salesmanship]~~		~~[1 hour]~~
	~~[(F)]~~	~~[barbershop management]~~		~~[1 hour]~~
	~~[(G)]~~	~~[chemistry]~~		~~[1 hour]~~
	~~[(H)]~~	~~[shaving]~~		~~[1 hour]~~
	~~[(I)]~~	~~[scalp, hair treatments and skin]~~		~~[1 hour]~~
	~~[(J)]~~	~~[sanitary professional techniques]~~		~~[1 hour]~~
	~~[(K)]~~	~~[professional ethics]~~		~~[1 hour]~~

	~~[(L)]~~	~~[scientific fundamentals of barbering]~~		~~[1 hour]~~
	~~[(M)]~~	~~[cosmetic preparations]~~		~~[1 hour]~~
	~~[(N)]~~	~~[shampooing and rinsing]~~		~~[1 hour]~~
	~~[(O)]~~	~~[cutting and processing curly and over-curly hair]~~		~~[1 hour]~~
	~~[(P)]~~	~~[haircutting, male and female]~~		~~[1 hour]~~
	~~[(Q)]~~	~~[theory of scalp, face and neck message]~~		~~[1 hour]~~
	~~[(R)]~~	~~[hygiene and good grooming]~~		~~[1 hour]~~
	~~[(S)]~~	~~[barber implements]~~		~~[1 hour]~~
	~~[(T)]~~	~~[honing and stropping]~~		~~[1 hour]~~
	~~[(U)]~~	~~[mustaches and beards]~~		~~[1 hour]~~
	~~[(V)]~~	~~[facial treatments]~~		~~[1 hour]~~
	~~[(W)]~~	~~[electricity and light therapy]~~		~~[1 hour]~~
	~~[(X)]~~	~~[history of barbering]~~		~~[1 hour]~~
~~[(2)]~~	~~[instruction in practical work, consisting of the study of:]~~			
	~~[(A)]~~	~~[dressing the hair, consisting of:]~~		~~[500 hours]~~
		~~[(i)]~~	~~[men's haircutting]~~	
		~~[(ii)]~~	~~[children's haircutting]~~	
		~~[(iii)]~~	~~[women's haircutting]~~	
		~~[(iv)]~~	~~[cutting and processing curly and over-curly hair]~~	
		~~[(v)]~~	~~[razor cutting]~~	
	~~[(B)]~~	~~[shaving]~~		~~[80 hours]~~
	~~[(C)]~~	~~[styling]~~		~~[50 hours]~~
	~~[(D)]~~	~~[shampooing and rinsing]~~		~~[30 hours]~~
	~~[(E)]~~	~~[hair bleaching and dyeing]~~		~~[20 hours]~~
	~~[(F)]~~	~~[waving hair]~~		~~[25 hours]~~
	~~[(G)]~~	~~[straightening]~~		~~[25 hours]~~
	~~[(H)]~~	~~[cleansing]~~		~~[20 hours]~~
	~~[(I)]~~	~~[professional ethics]~~		~~[20 hours]~~
	~~[(J)]~~	~~[hair weaving and hairpieces]~~		~~[5 hours]~~
	~~[(K)]~~	~~[processing]~~		~~[5 hours]~~
	~~[(L)]~~	~~[Clipping]~~		~~[5 hours]~~
	~~[(M)]~~	~~[beards and mustaches]~~		~~[6 hours]~~
	~~[(N)]~~	~~[shaping]~~		~~[5 hours]~~

	~~[(O)]~~	~~[dressing]~~	~~[5 hours]~~
	~~[(P)]~~	~~[curling]~~	~~[5 hours]~~
	~~[(Q)]~~	~~[first aid and safety precautions]~~	~~[5 hours]~~
	~~[(R)]~~	~~[scientific fundamentals of barbering]~~	~~[5 hours]~~
	~~[(S)]~~	~~[barber implements]~~	~~[5 hours]~~
	~~[(T)]~~	~~[haircutting or the process of cutting, tapering, trimming, processing, and molding and scalp, hair treatments, and tonics]~~	~~[10 hours]~~
	~~[(U)]~~	~~[massage and facial treatments]~~	~~[10 hours]~~
	~~[(V)]~~	~~[arranging]~~	~~[10 hours]~~
	~~[(W)]~~	~~[beautifying]~~	~~[10 hours]~~
	~~[(X)]~~	~~[singeing]~~	~~[1 hours]~~
	~~[(Y)]~~	~~[manicuring]~~	~~[8 hours]~~

Figure: 16 TAC §82.120(g)

MANICURIST CURRICULUM STANDARDS			
(1)	instruction in theory, consisting of:		45 hours
	(A)	bacteriology, sterilization, and sanitation	16 hours
	(B)	manicuring, equipment, and procedures	4 hours
	(C)	the nail and disorders	4 hours
	(D)	Texas barber law and rules	4 hours
	(E)	anatomy and physiology	4 hours
	(F)	skin	4 hours
	(G)	professional ethics	3 hours
	(H)	hygiene and good grooming	3 hours
	(I)	advanced nail techniques	3 hours
(2)	instruction in practical work, consisting of:		555 hours
	(A)	shaping nails	96 hours
	(B)	applying polish	74 hours
	(C)	trimming cuticle and buffing nails	59 hours
	(D)	hand and arm massage	57 hours
	(E)	removal of polish	57 hours
	(F)	application of artificial and gel nails	44 hours
	(G)	applying cuticle remover and loosening	40 hours
	(H)	preparation of manicure table	40 hours
	(I)	softening cuticle	37 hours
	(J)	Bleaching under free edge	18 hours
	(K)	cleaning under free edge	18 hours
	(L)	applying cuticle oil or cream	15 hours

Figure: 16 TAC §82.120(h)

BARBER TECHNICIAN/MANICURIST CURRICULUM STANDARDS		
THEORY		
A	Bacteriology, sterilization, and sanitation hygiene (M/T)	37 hours
B	Manicuring, equipment, and procedures (M)	4 hours
C	The nail and disorders (M)	4 hours
D	Texas barber law and rules (M/T)	8 hours
E	Anatomy and physiology (M)	4 hours
F	Skin (M)	4 hours
G	Professional ethics (M/T)	7 hours
H	Advanced nail techniques (M)	3 hours
I	Common disorders of the skin; facial treatments (T)	4 hours
J	Shampooing, equipment, and procedures (T)	4 hours
K	Cosmetic applications and massage (T)	3 hours
L	Good grooming; preparing patron and making appointments (T)	3 hours
M	Theory of massage, and structure of head, neck, and face (T)	2 hours
N	Rinsing, types and procedures (T)	2 hours
O	Scalp and hair treatments (T)	2 hours
PRACTICAL		
A	Shaping nails (M)	96 hours
B	Applying polish (M)	74 hours
C	Trimming cuticle and buffing nails (M)	59 hours
D	Hand and arm massage (M)	57 hours
E	Removal of polish (M)	57 hours
F	Application of artificial and gel nails (M)	44 hours
G	Applying cuticle remover and loosening	40 hours
H	Preparation of manicure table (M)	40 hours
I	Softening cuticle (M)	37 hours
J	Bleaching under free edge (M)	18 hours
K	Cleaning under free edge (M)	18 hours
L	Applying cuticle oil or cream (M)	15 hours
M	Application of shampoo and shampooing (T)	45 hours
N	Application of rinses and removal (T)	35 hours
O	Makeup application (T)	33 hours
P	Facial manipulations (T)	20 hours

Q	Application of conditioner and rinsing (T)	20 hours
R	Scalp manipulations (T)	20 hours
S	Brushing and drying (T)	18 hours
T	Sanitation and sterilization (T)	15 hours
U	Draping and scalp examination (T)	11 hours
V	Application and removal of creams (T)	10 hours
W	Application and removal of packs (T)	8 hours
X	Set-up for facial (T)	8 hours
Y	Preparation of work area for shampooing (T)	7 hours
Z	Patron protection (T)	5 hours

Figure: 16 TAC §82.120(i)

BARBER TECHNICIAN/HAIR WEAVING CURRICULUM STANDARDS		
THEORY		
A	Hygiene, bacteriology, sterilization, and sanitation (T/H)	28 hours
B	Common disorders of the skin; facial treatments and theory of massage (T)	4 hours
C	Shampooing, equipment, and procedures (T/H)	4 hours
D	Texas barber law and rules (T/H)	4 hours
E	Cosmetic applications and massage	3 hours
F	Professional ethics (T)	3 hours
G	Good grooming; preparing patron and making appointments (T/H)	5 hours
H	Anatomy and physiology-scalp: theory of head, neck, and face. Bones, major muscles, major nerves and functions, skin structures, appendages, conditions and lesions, structure, [,]hair regularities, hair and scalp diseases (T/H)	30 hours
I	Composition of hair or fiber used (H)	2 hours
J	Rinsing, types and procedures (T/H)	2 hours
K	Chemistry of compounds, and mixtures, composition and uses of cosmetics in hair weaving and facial treatments (T/H)	2 hours
L	Scalp and hair treatments (T/H)	2 hours
PRACTICAL		
A	Definitions, importance, sanitary rules and laws, sterilization methods of unused hair and fiber droppings Basic hair weaving, repair on hair weaving, removal of weft, sizing and finishing.	150 hours
B	Professional practices: vocabulary, ethics, salon procedures, hygiene, grooming, professional attitudes, salesmanship, public relations including purpose, effect, equipment, implements, supplies, and preparation (T/H)	40 hours
C	Application of shampoo and shampooing (T/H)	45 hours
D	Application of rinses and removal (T)	35 hours
E	Makeup application (T)	33 hours
F	Facial manipulations (T)	20 hours
G	Application of conditioner and rinsing (T/H)	20 hours
H	Shampooing client, weft and extensions (H)	50 hours
I	Scalp manipulations (T/H)	20 hours
J	Brushing and drying (T/H)	18 hours
K	Draping and scalp examination (T/H)	11 hours

L	Application and removal of creams (T)	10 hours
M	Application and removal of packs (T)	8 hours
N	Set-up for facial (T)	8 hours
O	Preparation of work area for shampooing (T/H)	7 hours
P	Safety measures: client protection (T/H)	28 hours
Q	Chemistry in hair weaving Elements, compounds, and mixtures, composition and uses of cosmetics in hair weaving (H)	8 hours

Figure: 16 TAC §82.120(j)

BARBER TECHNICIAN CURRICULUM STANDARDS			
(1)	instruction in theory, consisting of:		45 hours
	(A)	hygiene, bacteriology, sterilization, and sanitation	18 hours
	(B)	common disorders of the skin; facial treatments	4 hours
	(C)	shampooing, equipment, and procedures	4 hours
	(D)	Texas barber law and rules	4 hours
	(E)	cosmetic applications and massage	3 hours
	(F)	professional ethics	3 hours
	(G)	good grooming; preparing patron and making appointments	3 hours
	(H)	theory of massage, and structure of head, neck, and face	2 hours
	(I)	rinsing, types and procedures	2 hours
	(J)	scalp and hair treatments	2 hours
(2)	instruction in practical work, consisting of:		255 hours
	(A)	application of shampoo and shampooing	45 hours
	(B)	application of rinses and removal	35 hours
	(C)	makeup application	33 hours
	(D)	facial manipulations	20 hours
	(E)	application of conditioner and rinsing	20 hours
	(F)	scalp manipulations	20 hours
	(G)	brushing and drying	18 hours
	(H)	sanitation and sterilization	15 hours
	(I)	draping and scalp examination	11 hours
	(J)	application and removal of creams	10 hours
	(K)	application and removal of packs	8 hours
	(L)	set-up for facial	8 hours
	(M)	preparation of work area for shampooing	7 hours
	(N)	patron protection	5 hours

Figure: 16 TAC §82.120(k)

Hair Weaving Curriculum Standards	
(1) Hair weaving:	150 hours
Basic hair weaving, repair on hair weaving, removal of weft, sizing and finishing	
(2) Shampooing client, weft and extensions:	50 hours
Basic shampooing, basic conditioners, semi-permanent and weakly rinses, basic hair drying, draping	
(3) Professional practices:	40 hours
Hair weaving as a profession, vocabulary, ethics, salon procedures, hygiene, grooming, professional attitudes, salesmanship, public relations, hair weaving/braiding skills, including purpose, effect, equipment, implements, supplies, and preparation	
(4) Anatomy and physiology-scalp:	30 hours
Major bones and functions, major muscles and functions, major nerves and functions, skin structures, functions, appendages, conditions and lesions, hair or fiber used, structure, composition, hair regularities, hair and scalp diseases	
(5) Chemistry in hair weaving:	10 hours
Elements, compounds, and mixtures, composition and uses of cosmetics in hair weaving	
(6) Sanitation and safety measures:	10 hours
Definitions, importance, sanitary rules and laws, sterilization methods of unused hair and fiber droppings	
(7) Safety measures: client protection	10 hours

Figure: 16 TAC §83.120(a)

PRIVATE AND PUBLIC POST-SECONDARY COSMETOLOGY SCHOOLS AND PUBLIC SECONDARY PROGRAMS FOR HIGH SCHOOL STUDENTS (1000 [~~1500~~] CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
Hair care	Cutting, styling, coloring, chemical textures, and related theory and application; business skills; professional development and salon management; health; safety; and laws	800 hours
Nail care	Manicuring and related theory and applications, business skills; professional development and salon management; health; safety; and laws	100 hours
Skin care	Facials, hair removal, and related theory and application; business skills; professional development and salon management; health; safety; and laws	100 hours
[~~(A)~~]	[~~Haircutting, styling and related theory~~]	[~~500 hours~~]
[~~(B)~~]	[~~Hair coloring and related theory~~]	[~~200 hours~~]
[~~(C)~~]	~~[Cold waving and related theory]~~	~~[200 hours]~~
[~~(D)~~]	~~[Orientation, rules and laws]~~	~~[100 hours]~~
[~~(E)~~]	~~[Manicuring and related theory]~~	~~[100 hours]~~
[~~(F)~~]	~~[Shampoo and related theory]~~	~~[100 hours]~~
[~~(G)~~]	~~[Chemistry]~~	~~[75 hours]~~
[~~(H)~~]	~~[Salon management and practices]~~	~~[75 hours]~~
[~~(I)~~]	~~[Hair and scalp treatment and related theory]~~	~~[50 hours]~~
[~~(J)~~]	~~[Chemical hair relaxing and related theory]~~	~~[50 hours]~~
[~~(K)~~]	~~[Facials and related theory]~~	~~[50 hours]~~
[~~PUBLIC SECONDARY PROGRAMS FOR HIGH SCHOOL STUDENTS~~] ~~[(1000 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)~~]		
~~[(A)]~~	~~[Haircutting, styling, and related theory]~~	~~[400 hours]~~
~~[(B)]~~	~~[Hair coloring and related theory]~~	~~[150 hours]~~
~~[(C)]~~	~~[Cold waving and related theory]~~	~~[100 hours]~~
~~[(D)]~~	~~[Manicuring and related theory]~~	~~[100 hours]~~
~~[(E)]~~	~~[Orientation, rules and laws]~~	~~[75 hours]~~

~~[(F)]~~	~~[Shampoo and related theory]~~	~~[75 hours]~~
~~[(G)]~~	~~[Chemical hair relaxing and related theory]~~	~~[50 hours]~~
~~[(H)]~~	~~[Facials and related theory]~~	~~[25 hours]~~
~~[(I)]~~	~~[Hair and scalp treatment and related theory]~~	~~[25 hours]~~
CLASS A BARBER TO COSMETOLOGY OPERATOR (300 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
(A)	Haircutting, styling and related theory	30 hours
(B)	Hair coloring and related theory	50 hours
(C)	Permanent waving including chemical hair relaxing and related theory	30 hours
(D)	Orientation, rules and laws	20 hours
(E)	Manicuring and related theory	50 hours
(F)	Shampoo and related theory	10 hours
(G)	Chemistry	20 hours
(H)	Salon management and practices	10 hours
(I)	Hair and scalp treatment and related theory	5 hours
(J)	Facials and related theory	75 hours

Figure: 16 TAC §83.120(b)

ESTHETICIAN CURRICULUM STANDARDS (750 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
(A)	facial treatment, cleansing, masking, therapy	225 hours
(B)	anatomy and physiology	90 hours
(C)	electricity, machines, and related equipment	75 hours
(D)	Makeup	75 hours
(E)	orientation, rules and laws	50 hours
(F)	Chemistry	50 hours
(G)	care of client	50 hours
(H)	sanitation, safety, and first aid	40 hours
(I)	Management	35 hours
(J)	superfluous hair removal	25 hours
(K)	aroma therapy	15 hours
(L)	Nutrition	10 hours
(M)	color psychology	10 hours
MANICURE CURRICULUM STANDARDS (600 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
(A)	procedures: basic manicure and pedicure, oil manicure, removal of stains, repair work, hand and arm massage, buffing, application of polish, application of artificial nails, application of cosmetic fingernails, preparation to build new nail, and application of nail extensions, sculptured nails, tips, wraps, fiberglass/gels and odorless products	320 hours
(B)	bacteriology, sanitation and safety: definitions, importance, rules, laws, methods, safety measures, hazardous chemicals and ventilation odor in salons	100 hours
(C)	professional practices: manicuring as a profession, vocabulary, ethics, salon procedures, hygiene and grooming, professional attitudes, salesmanship and public relations	80 hours
(D)	arms and hands: major bones and functions, major muscles and functions, major nerves and functions, skin structure, functions,	70 hours

	appendages, conditions and lesions, nails structure, composition, growth, regeneration, irregularities and diseases	
(E)	orientation, rules, laws and preparation	15 hours
(F)	equipment, implements and supplies	15 hours
ESTHETICIAN/MANICURE CURRICULUM STANDARDS (1200 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
(A)	Orientation, rules, laws and preparation(F and M)	30 hours
(B)	Electricity, machines, related equipment, implements and supplies (F and M)	90 hours
(C)	Facial treatment, cleansing, masking, therapy (F)	215 hours
(D)	Procedures - basic manicure and pedicure, oil manicure, removal of stains, repair work, hand and arm massage, buffing, application of polish, application of artificial nails, application of cosmetic fingernails, preparation to build new nail, and application of nail extensions, sculptured nails, tips, wraps, fiberglass/gels and odorless products (M)	310 hours
(E)	Anatomy and physiology (F)	50 hours
(F)	Arms and hands - major bones and functions, major muscles and functions, major nerves and functions, skin structure, functions, appendages, conditions and lesions, nails structure, composition, growth, regeneration, irregularities and diseases (M)	50 hours
(G)	Makeup (F)	75 hours
(H)	Chemistry (F)	30 hours
(I)	Sanitation, safety, and first aid (F)	40 hours
(J)	Care of client (F)	50 hours
(K)	Management (F)	20 hours
(L)	Superfluous hair removal (F)	25 hours
(M)	Aroma therapy (F)	15 hours
(N)	Nutrition (F)	10 hours
(O)	Color psychology (F)	10 hours
(P)	Bacteriology, sanitation and safety - definitions, importance, rules, laws, methods, safety measures, hazardous chemicals and ventilation odor in salons (M)	100 hours

(Q)	Professional practices - manicuring as a profession, vocabulary, ethics, salon procedures, hygiene and grooming, professional attitudes, salesmanship and public relations (M)	80 hours
EYELASH EXTENSION CURRICULUM STANDARDS (320 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
(A)	Orientation, rules and law	10 hours
(B)	First aid and adverse reactions	15 hours
(C)	Sanitation and contagious diseases	20 hours
(D)	Safety and client protection	10 hours
(E)	Eyelash growth cycles and selection	20 hours
(F)	Chemistry of products	5 hours
(G)	Supplies, materials and related equipment	10 hours
(H)	Eyelash extension application	190 hours
(I)	Eyelash extension isolation and separation	15 hours
(J)	Eye shapes	15 hours
(K)	Professional image/salon management	10 hours
HAIR WEAVING CURRICULUM STANDARDS (300 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
(A)	Hair weaving: Basic hair weaving, repair on hair weaving, removal of weft, sizing and finishing by hand of hair ends or by using mechanical equipment	150 hours
(B)	shampooing client, weft and extensions: Basic shampooing, basic conditioners, semi-permanent and weakly rinses, basic hair drying, draping	50 hours
(C)	professional practices: Hair weaving as a profession, vocabulary, ethics, salon procedures, hygiene, grooming, professional attitudes, salesmanship, public relations, hair weaving/braiding skills, including purpose, effect, equipment, implements, supplies, and preparation	40 hours
(D)	anatomy and physiology-scalp: major bones and functions, major muscles and functions, major nerves and functions, skin structures, functions, appendages, conditions and lesions, hair or fiber used, structure, composition, hair regularities, hair and scalp diseases	30 hours

(E)	chemistry in hair weaving: elements, compounds, and mixtures, composition and uses of cosmetics in hair weaving	10 hours
(F)	sanitation and safety measures: definitions, importance, sanitary rules and laws, sterilization methods of unused hair and fiber droppings	10 hours
(G)	safety measures: client protection	10 hours
WIG CURRICULUM STANDARDS (300 CLOCK HOURS OR EQUIVALENT CREDIT HOURS)		
(A)	combing out	50 hours
(B)	Styling	50 hours
(C)	Coloring, tinting, bleaching	37 hours
(D)	Rolling	30 hours
(E)	cutting and shaping, scissors and razor	20 hours
(F)	hot iron	19 hours
(G)	Cleaning	10 hours
(H)	alterations, installation of elastic	10 hours
(I)	Conditioning	10 hours
(J)	brushing technique prior to styling	10 hours
(K)	identification and recognition definition-wigs, wiggery, wigology-pertaining to any human, synthetic, or animal hairpiece	10 hours
(L)	sanitation, disinfecting, required rules and laws	10 hours
(M)	eye tabbing	10 hours
(N)	Sizing	5 hours
(O)	Drying	5 hours
(P)	measuring head for proper size	5 hours
(Q)	preparation of wig on block	5 hours
(R)	history, background, and salesmanship	3 hours
(S)	knowledge of coloring: J L	1 hour

Figure: 19 TAC Chapter 230 - Preamble

The proposed amendment to §230.21(e) would amend Figure: 19 TAC §230.21(e) to provide for a transition from the current content tests to the anticipated content pedagogy tests as follows:

Certificate Name	Current Test to Anticipated Content Test
§233.12, Physical Education: Early Childhood-Grade 12	158 Physical Education EC-12 TExES to 258 Physical Education EC-12 TExES
§233.3, English Language Arts and Reading: Grades 4-8	117 English Language Arts and Reading 4-8 TExES to 217 English Language Arts and Reading 4-8
§233.2, Core Subjects: Early Childhood-Grade 6	291 Core Subjects EC-6 TExES to 2391 Core Subjects EC-6 TExES
§239.84, Educational Diagnostician: Early Childhood-Grade 12	153 Educational Diagnostician EC-12 TExES to 253 Educational Diagnostician EC-12
§239.20, School Counselor: Early Childhood-Grade 12	152 School Counselor EC-12 TExES to 252 School Counselor EC-12 TExES
§233.14, Trade and Industrial Education: Grades 6-12	270 Pedagogy and Professional Responsibilities for Trade and Industrial Education 6-12 TExES to 370 Pedagogy and Professional Responsibilities for Trade and Industrial Education 6-12 TExES

Figure: 19 TAC §230.21(e)

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Art			
§233.10	Art: Early Childhood-Grade 12	178 Art EC-12 Texas Examinations of Educator Standards (TExES)	160 Pedagogy and Professional Responsibilities (PPR) EC-12 TExES or 2015 edTPA: Visual Arts (pilot exam)
Bilingual Education			
§233.6	Bilingual Education Supplemental: Spanish	164 Bilingual Education Supplemental TExES **and** 190 Bilingual Target Language Proficiency (BTLPT) – Spanish TExES	Not Applicable: Not a Stand-alone Certificate
§233.6	Bilingual Education Supplemental: American Sign Language	164 Bilingual Education Supplemental TExES **and** 184 American Sign Language (ASL) EC-12 TExES **and** 073 Texas Assessment of Sign Communications-American Sign Language (TASC-ASL)	Not Applicable: Not a Stand-alone Certificate
§233.6	Bilingual Education Supplemental: Arabic	164 Bilingual Education Supplemental TExES **and** American Council for the Teaching of Foreign Languages (ACTFL) 614 Oral Proficiency Interview (OPI) – Arabic **and** 615 Writing Proficiency Test (WPT) – Arabic	Not Applicable: Not a Stand-alone Certificate
§233.6	Bilingual Education Supplemental: Chinese	164 Bilingual Education Supplemental TExES **and** ACTFL 618 OPI – Chinese (Mandarin) **and** 619 WPT – Chinese (Mandarin)	Not Applicable: Not a Stand-alone Certificate

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Bilingual Education (continued)			
§233.6	Bilingual Education Supplemental: Japanese	164 Bilingual Education Supplemental TExES **and** ACTFL 616 OPI – Japanese **and** 617 WPT – Japanese	Not Applicable: Not a Stand-alone Certificate
§233.6	Bilingual Education Supplemental: Vietnamese	164 Bilingual Education Supplemental TExES **and** ACTFL 620 OPI – Vietnamese **and** 621 WPT – Vietnamese	Not Applicable: Not a Stand-alone Certificate
Career and Technical Education			
§233.13	Technology Education: Grades 6-12	171 Technology Education 6-12 TExES	160 PPR EC-12 TExES or 2143 edTPA: Technology and Engineering Education (pilot exam)
§233.13	Family and Consumer Sciences, Composite: Grades 6-12	American Association of Family and Consumer Sciences (AAFCS) 200 Family and Consumer Sciences – Composite Examination	160 PPR EC-12 TExES or 2117 edTPA: Family and Consumer Sciences (pilot exam)
§233.13	Human Development and Family Studies: Grades 8-12	AAFCS 202 Human Development and Family Studies Concentration Examination	160 PPR EC-12 TExES or 2117 edTPA: Family and Consumer Sciences (pilot exam)
§233.13	Hospitality, Nutrition, and Food Sciences: Grades 8-12	AAFCS 201 Hospitality, Nutrition, and Food Science Concentration Examination	160 PPR EC-12 TExES or 2117 edTPA: Family and Consumer Sciences (pilot exam)
§233.13	Agriculture, Food, and Natural Resources: Grades 6-12	272 Agriculture, Food, and Natural Resources 6-12 TExES	160 PPR EC-12 TExES or 2100 edTPA: Agricultural Education (pilot exam)
§233.13	Business and Finance: Grades 6-12	276 Business and Finance 6-12 TExES	160 PPR EC-12 TExES or 2102 edTPA: Business Education (pilot exam)
§233.14	Marketing: Grades 6-12	275 Marketing 6-12 TExES	160 PPR EC-12 TExES or 2102 edTPA: Business Education (pilot exam)
§233.14	Health Science: Grades 6-12	273 Health Science 6-12 TExES	160 PPR EC-12 TExES

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Career and Technical Education (continued)			
§233.14	Trade and Industrial Education: Grades 6-12	Not Applicable	270 Pedagogy and Professional Responsibilities for Trade and Industrial Education 6-12 TExES (last operational date 8/31/2021) Starting 9/1/2021 370 Pedagogy and Professional Responsibilities for Trade and Industrial Education 6-12 TExES
§233.14	Trade and Industrial Workforce Training: Grades 6-12	Not Applicable	370 Pedagogy and Professional Responsibilities for Trade and Industrial Education 6-12 TExES
Computer Science and Technology Applications			
§233.5	Computer Science: Grades 8-12	241 Computer Science 8-12 TExES	160 PPR EC-12 TExES or 2143 edTPA: Technology and Engineering Education (pilot exam)
§233.5	Technology Applications: Early Childhood-Grade 12	242 Technology Applications EC-12 TExES	160 PPR EC-12 TExES or 2108 edTPA: Educational Technology Specialist (pilot exam)
Core Subjects			
§233.2	Core Subjects: Early Childhood-Grade 6	291 Core Subjects EC-6 TExES (last operational date 12/31/2020) Starting 1/1/2021 391 Core Subjects EC-6 TExES **and** 293 Science of Teaching Reading TExES	160 PPR EC-12 TExES or 2110 edTPA: Elementary Education: Literacy with Mathematics Task 4 (pilot exam)

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Core Subjects (continued)			
§233.2	Core Subjects: Grades 4-8	211 Core Subjects 4-8 TExES **and** 293 Science of Teaching Reading TExES (starting 1/1/2021)	160 PPR EC-12 TExES or 2016 edTPA: Middle Childhood Mathematics (pilot exam) or 2017 edTPA: Middle Childhood Science (pilot exam) or 2018 edTPA: Middle Childhood English-Language Arts (pilot exam) or 2019 edTPA: Middle Childhood History/Social Studies (pilot exam)
Counselor			
§239.20	School Counselor: Early Childhood-Grade 12	152 School Counselor EC-12 TExES (last operational date 8/31/2021) Starting 9/1/2021 252 School Counselor EC-12 TExES	Not Applicable: Not an Initial Certificate
Dance			
§233.10	Dance: Grades 6-12	279 Dance 6-12 TExES	160 PPR EC-12 TExES or 2021 edTPA: K-12 Performing Arts (pilot exam)
Early Childhood			
§233.2	Early Childhood: Prekindergarten-Grade 3	292 Early Childhood: PK-3 TExES **and** 293 Science of Teaching Reading TExES	160 PPR EC-12 TExES or 2014 edTPA: Early Childhood Education (pilot exam)
Educational Diagnostician			
§239.84	Educational Diagnostician: Early Childhood-Grade 12	153 Educational Diagnostician EC-12 TExES (last operational date 12/31/2020) Starting 1/1/2021 251 Educational Diagnostician EC-12 TExES	Not Applicable: Not an Initial Certificate

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
English Language Arts and Reading			
§233.3	English Language Arts and Reading: Grades 4-8	117 English Language Arts and Reading 4-8 TExES (last operational date 12/31/2021) Starting 1/1/2022 217 English Language Arts and Reading 4-8 TExES **and** 293 Science of Teaching Reading TExES (starting 1/1/2021)	160 PPR EC-12 TExES or 2018 edTPA: Middle Childhood English-Language Arts (pilot exam)
§233.3	English Language Arts and Reading: Grades 7-12	231 English Language Arts and Reading 7-12 TExES	160 PPR EC-12 TExES or 2003 edTPA: Secondary English-Language Arts (pilot exam)
§233.3	English Language Arts and Reading/Social Studies: Grades 4-8	113 English Language Arts and Reading/ Social Studies 4-8 TExES **and** 293 Science of Teaching Reading TExES (starting 1/1/2021)	160 PPR EC-12 TExES or 2018 edTPA: Middle Childhood English-Language Arts (pilot exam) or 2019 edTPA: Middle Childhood History/Social Studies (pilot exam)
§239.93	Reading Specialist: Early Childhood-Grade 12	151 Reading Specialist EC-12 TExES	Not Applicable: Not an Initial Certificate
English as a Second Language			
§233.7	English as a Second Language Supplemental	154 English as a Second Language Supplemental TExES	Not Applicable: Not a Stand-alone Certificate
Gifted and Talented			
§233.9	Gifted and Talented Supplemental	162 Gifted and Talented TExES	Not Applicable: Not a Stand-alone Certificate
Health			
§233.11	Health: Early Childhood-Grade 12	157 Health Education EC-12 TExES	160 PPR EC-12 TExES or 2119 edTPA: Health Education (pilot exam)

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Journalism			
§233.3	Journalism: Grades 7-12	256 Journalism 7-12 TExES	160 PPR EC-12 TExES or 2003 edTPA: Secondary English-Language Arts (pilot exam)
Junior Reserve Officer Training			
§233.17	Junior Reserve Officer Training Corps: Grades 6-12	Not Applicable	160 PPR EC-12 TExES
Languages Other Than English			
§233.15	American Sign Language: Early Childhood-Grade 12	184 ASL EC-12 TExES **and** 073 TASC-ASL	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Arabic: Early Childhood-Grade 12	ACTFL 605 OPI – Arabic **and** 600 WPT – Arabic	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Chinese: Early Childhood-Grade 12	ACTFL 606 OPI – Chinese (Mandarin) **and** 601 WPT – Chinese (Mandarin)	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	French: Early Childhood-Grade 12	610 Languages Other Than English (LOTE) French EC-12 TExES	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	German: Early Childhood-Grade 12	611 LOTE German EC-12 TExES	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Hindi: Early Childhood-Grade 12	ACTFL 622 OPI – Hindi **and** 623 WPT – Hindi	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Italian: Early Childhood-Grade 12	ACTFL 624 OPI – Italian **and** 625 WPT – Italian	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Japanese: Early Childhood-Grade 12	ACTFL 607 OPI – Japanese **and** 602 WPT – Japanese	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Korean: Early Childhood-Grade 12	ACTFL 630 OPI – Korean **and** 631 WPT – Korean	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Languages Other Than English (continued)			
§233.15	Latin: Early Childhood-Grade 12	612 LOTE Latin EC-12 TExES	160 PPR EC-12 TExES or 2104 edTPA: Classical Languages (pilot exam)
§233.15	Portuguese: Early Childhood-Grade 12	ACTFL 632 OPI – Portuguese **and** 633 WPT – Portuguese	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Russian: Early Childhood-Grade 12	ACTFL 608 OPI – Russian **and** 603 WPT – Russian	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Spanish: Early Childhood-Grade 12	613 LOTE Spanish EC-12 TExES	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Turkish: Early Childhood-Grade 12	ACTFL 626 OPI – Turkish **and** 627 WPT – Turkish	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
§233.15	Vietnamese: Early Childhood-Grade 12	ACTFL 609 OPI – Vietnamese **and** 604 WPT – Vietnamese	160 PPR EC-12 TExES or 2020 edTPA: World Language (pilot exam)
Librarian			
§239.60	School Librarian: Early Childhood-Grade 12	150 School Librarian Early Childhood-12 TExES	Not Applicable: Not an Initial Certificate

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
[~~Master Teacher~~]			
[~~§239.102~~	~~Master Mathematics Teacher: Early Childhood-Grade 4~~	~~087 Master Mathematics Teacher EC-4 Texas Examinations for Master Teachers (TExMaT)~~	~~Not Applicable: Not an Initial Certificate~~]
[~~§239.102~~	~~Master Mathematics Teacher: Grades 4-8~~	~~088 Master Mathematics Teacher 4-8 TExMaT~~	~~Not Applicable: Not an Initial Certificate~~]
[~~§239.102~~	~~Master Mathematics Teacher: Grades 8-12~~	~~089 Master Mathematics Teacher 8-12 TExMaT~~	~~Not Applicable: Not an Initial Certificate~~]
[~~§239.101~~	~~Master Reading Teacher: Early Childhood-Grade 12~~	~~085 Master Reading Teacher EC-12 TExMaT~~	~~Not Applicable: Not an Initial Certificate~~]
[~~§239.103~~	~~Master Technology Teacher: Early Childhood-Grade 12~~	~~086 Master Technology Teacher EC-12 TExMaT~~	~~Not Applicable: Not an Initial Certificate~~]
[~~§239.104~~	~~Master Science Teacher: Early Childhood-Grade 4~~	~~090 Master Science Teacher EC-4 TExMaT~~	~~Not Applicable: Not an Initial Certificate~~]
[~~§239.104~~	~~Master Science Teacher: Grades 4-8~~	~~091 Master Science Teacher 4-8 TExMaT~~	~~Not Applicable: Not an Initial Certificate~~]
[~~§239.104~~	~~Master Science Teacher: Grades 8-12~~	~~092 Master Science Teacher 8-12 TExMaT~~	~~Not Applicable: Not an Initial Certificate~~]

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Mathematics and Science			
§233.4	Mathematics: Grades 4-8	115 Mathematics 4-8 TExES	160 PPR EC-12 TExES or 2016 edTPA: Middle Childhood Mathematics (pilot exam)
§233.4	Science: Grades 4-8	116 Science 4-8 TExES	160 PPR EC-12 TExES or 2017 edTPA: Middle Childhood Science (pilot exam)
§233.4	Mathematics/Science: Grades 4-8	114 Mathematics/ Science 4-8 TExES	160 PPR EC-12 TExES or 2016 edTPA: Middle Childhood Mathematics (pilot exam) or 2017 edTPA: Middle Childhood Science (pilot exam)
§233.4	Mathematics: Grades 7-12	235 Mathematics 7-12 TExES	160 PPR EC-12 TExES or 2005 edTPA: Secondary Mathematics (pilot exam)
§233.4	Science: Grades 7-12	236 Science 7-12 TExES	160 PPR EC-12 TExES or 2006 edTPA: Secondary Science (pilot exam)
§233.4	Life Science: Grades 7-12	238 Life Science 7-12 TExES	160 PPR EC-12 TExES or 2006 edTPA: Secondary Science (pilot exam)

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Mathematics and Science (continued)			
§233.4	Physical Science: Grades 6-12	237 Physical Science 6-12 TExES	160 PPR EC-12 TExES or 2006 edTPA: Secondary Science (pilot exam)
§233.4	Physics/Mathematics: Grades 7-12	243 Physics/ Mathematics 7-12 TExES	160 PPR EC-12 TExES or 2005 edTPA: Secondary Mathematics (pilot exam) or 2006 edTPA: Secondary Science (pilot exam)
§233.4	Mathematics/Physical Science/Engineering: Grades 6-12	274 Mathematics/ Physical Science/ Engineering 6-12 TExES	160 PPR EC-12 TExES or 2005 edTPA: Secondary Mathematics (pilot exam) or 2006 edTPA: Secondary Science (pilot exam) or 2143 edTPA: Technology and Engineering Education (pilot exam)
§233.4	Chemistry: Grades 7-12	240 Chemistry 7-12 TExES	160 PPR EC-12 TExES or 2006 edTPA: Secondary Science (pilot exam)
Music			
§233.10	Music: Early Childhood-Grade 12	177 Music EC-12 TExES	160 PPR EC-12 TExES or 2021 edTPA: K-12 Performing Arts (pilot exam)
Physical Education			
§233.12	Physical Education: Early Childhood-Grade 12	158 Physical Education EC-12 TExES (last operational date 8/31/2021) Starting 9/1/2021 258 Physical Education EC-12 TExES	160 PPR EC-12 TExES or 2011 edTPA: Physical Education (pilot exam)

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Principal and Superintendent			
§241.20	Principal as Instructional Leader: Early Childhood-Grade 12	268 Principal as Instructional Leader TExES	Educational Testing Service (ETS) 368 Performance Assessment for School Leaders (PASL)
§241.35	Principal as Instructional Leader Endorsement	Not Applicable: Not an Initial Certificate (Individuals must already hold a valid certificate to serve in the role of principal to be eligible for this endorsement.)	Educational Testing Service (ETS) 368 Performance Assessment for School Leaders (PASL)
[~~§241.60~~	~~Principal: Early Childhood-Grade 12~~	~~068 Principal TExES~~	~~Not Applicable: Not an Initial Certificate.~~]
§242.20	Superintendent: Early Childhood-Grade 12	195 Superintendent TExES	Not Applicable: Not an Initial Certificate
Social Studies			
§233.3	Social Studies: Grades 4-8	118 Social Studies 4-8 TExES	160 PPR EC-12 TExES or 2019 edTPA: Middle Childhood History/Social Studies (pilot exam)
§233.3	Social Studies: Grades 7-12	232 Social Studies 7-12 TExES	160 PPR EC-12 TExES or 2004 edTPA: Secondary History/Social Studies (pilot exam)
§233.3	History: Grades 7-12	233 History 7-12 TExES	160 PPR EC-12 TExES or 2004 edTPA: Secondary History/Social Studies (pilot exam)
Speech Communications			
§233.3	Speech: Grades 7-12	129 Speech 7-12 TExES	160 PPR EC-12 TExES or 2003 edTPA: Secondary English-Language Arts (pilot exam)
Special Education			
§233.8	Special Education: Early Childhood-Grade 12	161 Special Education EC-12 TExES	160 PPR EC-12 TExES or 2012 edTPA: Special Education (pilot exam)
§233.8	Special Education Supplemental	163 Special Education Supplemental TExES	Not Applicable: Not a Stand-alone Certificate

Certificate TAC Reference	Certificate Name	Required Content Pedagogy Test(s)	Pedagogical Requirement(s)
Special Education (continued)			
§233.8	Teacher of the Deaf and Hard of Hearing: Early Childhood-Grade 12	181 Deaf and Hard of Hearing EC-12 TExES **and** 072 TASC or 073 TASC-ASL (required for assignment but not for certification)	160 PPR EC-12 TExES or 2012 edTPA: Special Education (pilot exam)
§233.8	Teacher of Students with Visual Impairments Supplemental: Early Childhood-Grade 12	182 Visually Impaired TExES **and** [~~183 Braille TExES~~] or 283 Braille TExES	Not Applicable: Not a Stand-alone Certificate
Theatre			
§233.10	Theatre: Early Childhood-Grade 12	180 Theatre EC-12 TExES	160 PPR EC-12 TExES or 2021 edTPA: K-12 Performing Arts (pilot exam)