



NOTICES OF FINAL RULEMAKING

This section of the *Arizona Administrative Register* contains Notices of Final Rulemaking. Final rules have been through the regular rulemaking process as defined in the Administrative Procedures Act. These rules were either approved by the Governor’s Regulatory Review Council or the Attorney General’s Office. Certificates of Approval are on file with the Office.

The final published notice includes a preamble and

text of the rules as filed by the agency. Economic Impact Statements are not published.

The Office of the Secretary of State is the filing office and publisher of these rules. Questions about the interpretation of the final rules should be addressed to the agency that promulgated them. Refer to Item #5 to contact the person charged with the rulemaking. The codified version of these rules will be published in the Arizona Administrative Code.

**NOTICE OF FINAL RULEMAKING
TITLE 4. PROFESSIONS AND OCCUPATIONS
CHAPTER 9. REGISTRAR OF CONTRACTORS**

[R17-161]

PREAMBLE

<u>1. Article, Part, or Section Affected (as applicable)</u>	<u>Rulemaking Action</u>
R4-9-102	Amend
R4-9-103	Amend
R4-9-104	Amend
R4-9-106	Amend
R4-9-108	Amend
R4-9-109	Amend
R4-9-111	New Section
R4-9-113	Amend
R4-9-115	Amend
R4-9-117	Amend
R4-9-118	New Section

2. Citations to the agency’s statutory rulemaking authority to include both the authorizing statute (general) and the implementing statute (specific):

Authorizing statute: A.R.S. § 32-1104(A)(5), A.R.S. § 32-1104(C), A.R.S. § 32-1105, A.R.S. § 32-1122, A.R.S. § 32-1124(A), A.R.S. § 32-1124(B), A.R.S. § 32-1124(E), A.R.S. § 32-1124(F), A.R.S. § 32-1126, A.R.S. § 32-1151.01, A.R.S. § 32-1152(B), A.R.S. § 32-1152.01, A.R.S. § 32-1156, A.R.S. § 32-1166, A.R.S. § 32-1170.02(C), A.R.S. § 41-1073(A)

Implementing statute: Arizona Revised Statutes, Title 32, Chapter 10

3. The effective date of the rule:

November 5, 2017

a. If the agency selected a date earlier than the 60 day effective date as specified in A.R.S. § 41-1032(A), include the earlier date and state the reason or reasons the agency selected the earlier effective date as provided in A.R.S. § 41-1032(A)(1) through (5):

Not applicable

b. If the agency selected a date later than the 60 day effective date as specified in A.R.S. § 41-1032(A), include the later date and state the reason or reasons the agency selected the later effective date as provided in A.R.S. § 41-1032(B):

Not applicable

4. Citations to all related notices published in the Register as specified in R1-1-409(A) that pertain to the record of the final rulemaking package:

Notice of Rulemaking Docket Opening: 23 A.A.R. 1639, June 16, 2017

Notice of Proposed Rulemaking: 23 A.A.R. 1599, June 16, 2017

5. The agency’s contact person who can answer questions about the rulemaking:

Name: Jim Knupp, Legislative Liaison
 Address: Arizona Registrar of Contractors
 1700 W. Washington St., Ste. 105
 Phoenix, AZ 85007
 Telephone: (602) 771-6710
 E-mail: jim.knupp@azroc.gov
 Web site: https://roc.az.gov

6. An agency’s justification and reason why a rule should be made, amended, repealed or renumbered, to include an explanation about the rulemaking:

All of the proposed rulemaking developed from and was submitted with the Registrar’s Five-Year-Review Report. The Governor’s Office provided exemption for this rulemaking on Feb. 8, 2017.



Much of the rulemaking represents amendments to clarify language to improve effectiveness of the rule. This is true of R4-9-102, R4-9-103, R4-9-104, R4-9-106, R4-9-108, R4-9-109, R4-9-113, R4-9-115, R4-9-117. Changes in license classifications, as seen in proposed rulemaking for R4-9-102, R4-9-103, and R4-9-104, represent a reversal of 2014 rulemaking that eliminated many commercial and residential classifications and improve consistency within the rules. Specifically, the rulemaking reestablishes 28 commercial and 28 residential license classifications.

Section R4-9-111 received Governor’s Office rulemaking exemption on Dec. 21, 2016 and represents 1) a mechanism to reverse 2014 rulemaking that forced contractors into dual license classifications when the Registrar eliminated many commercial and residential licenses and 2) increases flexibility for a business to choose to opt out of dual license classification and move to a residential-only or commercial-only license once in the license’s lifetime.

Section R4-9-118 received Governor’s Office rulemaking exemption on Nov. 30, 2016 and increases transparency and efficiency in cases pending hearings at the Office of Administrative Hearings. By introducing prehearing disclosure requirements, cases set for hearing will be more effective and efficient.

7. A reference to any study relevant to the rule that the agency reviewed and either relied on or did not rely on in its evaluation of or justification for the rule, where the public may obtain or review each study, all data underlying each study, and any analysis of each study and other supporting material:

Not applicable

8. A showing of good cause why the rulemaking is necessary to promote a statewide interest if the rulemaking will diminish a previous grant of authority of a political subdivision of this state:

Not applicable

9. A summary of the economic, small business, and consumer impact:

The Registrar foresees only minor economic impact based on the proposed rulemaking. The anticipated economic impacts will be reduced burden on the regulated community as much of the rulemaking represents a reversal of negative economic impacts resulting from 2014 rulemaking amendments, where the Registrar eliminated many commercial-only and residential-only license classifications. The removal of these classifications in 2014 resulted in increased licensing fees, increased assessments, increased bonding requirements, and created potential barriers to entry.

Depending on actual bond prices, on average, a current licensee holding a dual license classification would save \$485 per year by choosing to opt out of the dual classification in favor of a commercial-only license or \$355 per year if choosing to opt to a residential-only. Variance in savings occurs due to the Registrar’s Residential Recovery Fund assessment and differences in bond prices.

Beyond recreating residential and commercial licenses eliminated in 2014, proposed amendments to scopes of work permitted by the proposed commercial C-21 Hardscaping and Irrigation Systems and residential R-21 Hardscaping and Irrigation Systems licenses represent a more accurate description of work performed by the industry. This should represent no to minimal beneficial economic impact.

The proposed amendments to scopes of work permitted by the proposed commercial C-42 Roofing and residential R-42 Roofing licenses represent a more reasonable allowance of roof substrate replacement by allowing for 10 percent replacement if need for replacement is found after execution of initial contract and enables subcontracting if 10 percent limit is reached. Amendments also provide for clarification of allowances regarding lifting of HVAC equipment.

The C- and R-34 are also clarified to include “liquid floor and wall coatings.”

Amendments to rules not relating to classifications represent clarifications and pose no economic impact.

The New Section proposed as R4-9-111 received Governor’s Office rulemaking exemption on Dec. 21, 2016 and represents 1) a mechanism to reverse 2014 rulemaking that forced contractors into dual license classifications when the Registrar eliminated many commercial and residential licenses and 2) increases flexibility for a business to choose to opt out of dual license classification and move to a residential-only or commercial-only license once in the license’s lifetime. The Registrar anticipates this flexibility will represent a reduction in regulation and provide minor benefit to businesses wishing to not hold a dual license classification.

The New Section proposed as R4-9-118 received Governor’s Office rulemaking exemption on Nov. 30, 2016 and increases transparency and efficiency in cases pending hearings at the Office of Administrative Hearings. By introducing prehearing disclosure requirements, the Registrar anticipates cases set for hearing will be more effective and efficient and reduce overall time and costs associated with hearings for complainants, respondents, and the Registrar; outweighing any cost related to need to submit such information.

10. A description of any changes between the proposed rulemaking, to include supplemental notices, and the final rulemaking:

The proposed rulemaking amendments were crafted under the supervision of the Registrar’s previous Chief Counsel. On July 10, 2017, the Registrar hired a new Chief Counsel and the changes, listed below, represent stylistic or clarifying changes based on opinions offered by the new Chief Counsel. The first change, as recorded under the public comment summary section of this Notice of Final Rulemaking, is a correction to an omission made on a scope in the Notice of Proposed Rulemaking. The corrections are as follow:

R4-9-103. Residential Contractor License Classifications and Scopes of Work

Representing an oversight when recreating this residential scope, electrical wiring of 120 volts or less was omitted from the R-21. This was corrected after realized through public comment. This represents no expansion or reduction in current work permitted by scope under current rules and was not intended to be altered. No other changes.

R-21

9. Water features that are not attached to swimming pools; including any necessary: **electrical wiring of 120 volts or less, connec-**



tion to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or grading

10. Irrigation systems, including any necessary: electrical wiring of 120 volts or less, connection to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or grading

The following are clarifications that apply to the Sections below:

R4-9-106. Examinations

In Sections A and E, the proposed rulemaking previously referenced A.R.S. § 32-1122(F). In legislative changes that went into effect August 9, 2017, A.R.S. § 32-1122(F) was subsequently renumbered to A.R.S. § 32-1122(E). Therefore references in rulemaking to A.R.S. § 32-1122(F) have been changed to A.R.S. § 32-1122(E) to accurately reflect that renumbering. In Section E., the Registrar's Chief Counsel suggested further clarifying which examination may be waived by inserting "trade" throughout the section to precede each instance of "examination." No other changes.

R4-9-108. ~~Minimum Construction Workmanship Standards~~

In the title of the rule, the Registrar's Chief Counsel suggested "Minimum" remain, thus the final rulemaking would be altered to read, "Minimum Workmanship Standards." However, after further discussions between Agency attorneys and GRRC's staff attorney, the Agency decided to ultimately have "Minimum" removed from the title of R4-9-108. This decision would signify no change between the proposed and final rulemaking and is reflected in the rules approved by GRRC.

R4-9-111. ~~Repeated~~ Opting Out of Dual License Classification

Registrar's Chief Counsel suggested avoiding use of "notwithstanding" to increase clarity. Removed "Any other rule notwithstanding" in favor of "Unless prohibited by another rule." No other changes.

R4-9-118. ~~Reserved~~ Prehearing Disclosure Requirement

Registrar's Chief Counsel suggested several stylistic and clarifying changes within the proposed rule. No other changes.

11. An agency's summary of the public or stakeholder comments made about the rulemaking and the agency response to the comments:

Understanding the broad changes proposed, the Registrar sent email notification to all licensees for which it has an email address. This totaled 28,868 email contacts or approximately 77 percent of licensees. Additionally, the Registrar sent notification to 39 contracting associations statewide, for which it has email addresses.

During and before the comment period, the Registrar also spoke about the proposed rulemaking with the memberships and leadership of Arizona Landscape Contractors' Association, Arizona Roofing Contractors Association, Associated Minority Contractors of America – Arizona, Office of Administrative Hearings, and at two Licensed Contractor Forums hosted by the ROC.

During the comment period, ending on July 16, 2017, the Registrar received 23 comments by email and none by mail.

Seven (7) individuals expressed support for the rulemaking for various reasons. No one submitted comments opposed to the rulemaking. Six (6) of the comments submitted did not relate to current proposals for rulemaking and each were informed their suggestion would be taken under advisement and considered for future rulemaking or related to statutory language. Nine (9) individuals posed questions as to the impact of the rulemaking and were satisfied with the answers provided. One of the nine questions, however, revealed an oversight by the Registrar in the rulemaking related to work permitted under the R-21. The proposed language mistakenly omitted permitting "electrical wiring of 120 volts or less" under portions of the scope and this oversight has been corrected within the final rulemaking within this submission.

Comment #1 – Mr. Vane Embry of Shaw Industries

We have been directed in the past by ROC that the CR-21 classification is required to provide installation services for synthetic turf. We would like to verify that these services will fall under the new pending licensing classifications of C-21 and R-21 just like they did for CR- 21? Clarification is being sought since it was not specifically mentioned in the revised wording of the new classifications (C-21 & R-21) and we anticipated it would be. Thank you advance for looking into this.

Response: The Agency called and answered his question as to whether synthetic turf falls under the -21 licenses; affirmatively.

Comment #2 – Chris Botta at Affordable Cabinet Refinishing

Good luck on the clarity part

Response: The Agency replied soliciting ideas on how to improve clarity. He replied asking if he, other contractors and the Agency could meet to discuss code and standards. The Agency replied accepting but clarifying the Registrar does not write code. He appreciated the clarification on code and iterated his offer to help if the opportunity arises to have input on the process.

Comment #3 – Mr. Mark Liebsch of Adove Garage Doors

(1) The 2014 regulation allowed many contractors to work in areas they were unqualified for thus creating the atmosphere for substandard work. In the construction field this could cause potential damage or injury as a result of the ROC arbitrarily qualifying a company with no background experience in a specific trade.

(2) Please change back to the old rules when I became a Licensed Contractor in Arizona. I qualified for only a residential license and when the state changed it my bond went from



\$50.00/year to \$175.00/year = More cost of doing business.

Response: The Agency expressed appreciation for support of reestablishing residential-only and commercial-only classifications.

Comment #4 – Mr. Tom Francois

I'm not real happy about having to pay more for my bond to include commercial when I'm only licensed to do residential. I think this is an unfair burden for a one man operation like myself. It really hurt me as business is slow for a while. My Registrar 2 year fee went up from \$540 to \$650 My BOND for 3 years went up from \$100 all the way to \$525 to include commercial! \$425 increase! OUCH! Just doesn't seem fair to us little guys!

Response: The Agency expressed appreciation for submitting comments and informed him that much of what he described is why this administration is looking to reverse the 2014 rulemaking. He replied stating, "JIM Thank you! I HOPE SO! This is a burden on me and I'm sure many other small operations."

Comment #5 – Mr. Lee Harr of H&H Yard Service, Inc.

Under the proposed changes, for R-21 "electrical wiring of 120 volts or less" is left out. Will need the ability for "electrical wiring of 120 volts or less" hook up in residential work.

Response: The Agency expressed appreciation for catching the error and inserted the language into the R-21 for the Final Rulemaking.

Comment #6 – Mr. Jason Thibodeau of Rescue One Air

Does this effect a CR-39 license?

Response: The Agency replied stating there are only conforming language changes proposed for the 39. By that, the Agency means there are no changes to the scope. The changes will make the scope's language match language used by other scopes, I.e. "This classification allows the licensee to install" rather than "Installation of" and eliminates restricted classifications no one holds anymore, I.e. R-39R has refrigeration and R-39R PreCoolers.

Comment #7 – Mr. Raul Rodriguez of Dezert Designs & Displays

So if I am reading this right I will be able to opt out of the dual license and submit as commercial only and carry only a bond for Commercial when they expire this November?

Response: The Agency answered his question affirmatively and informed that the only issue would be the effective date of the rulemaking amendments...they might not be effective by the time you renew this time around.

The Agency called him to explain the potential timeline of the rulemaking and explained his thoughts were correct, but the Agency couldn't guarantee the timeline would align with his renewal. In working with the Director and Licensing Department at the Agency, it agreed anyone in Mr. Rodriguez's situation would be allowed to renew for one year; rather than the two year and the Agency informed Mr. Rodriguez of this fact.

Comment #8 – Mr. John Jackson of Dirt Cheap Tile, Inc.

Is this allowing sub contractors to go back to having a residential Lic than to be forced to have a dual Lic?

Response: Email: The Agency sought clarification as to what license classification he was inquiring of and stated the answer is very likely yes but subcontractors is too broad for the Agency to answer accurately. Phone: After returning to the office, the Agency learned Mr. Jackson's company holds a CR-48 Ceramic, Plastic and Metal Tile and then followed-up by phone to explain he would be able to opt out of the dual classification in favor of a commercial-only or residential-only after the proposed rulemaking became effective if his company decided to do so.

Comment #9 – Mr. Ivan Moreno of Divine Desert Landscape, LLC

Thanks Jim, so what exactly does that mean for guys like me who have a CR 21? It will turn from a CR 21 to an R 21, meaning I will be out of the commercial side? just need little bit of help understanding The Proposal.

Response: The Agency informed Mr. Moreno that his business's dual license will remain a dual, unless he wants to change it to a R-21 or C-21 at time of renewal. He was further informed that at the time of renewal, he can choose to do nothing except renew and you'll remain a CR- 21. The rulemaking reestablishes the R-21 and C-21 license classifications and enables moving to one of them if his company wants, but it in no way forces it away from its current classification.

Comment #10 – Henry Staggs of Preferred Roof Consultants of Arizona

Rule - every investigator should have a working knowledge of the trade they are investigating. My recent experience tells me they don't.

Response: Unrelated to current rulemaking.

Comment #11 – Scott West of West Construction and Development

It would be nice if they also addressed opting back into dual status from single status talked about: Section R4-9-111 Opting Out of a Dual License represents 1) a mechanism to - upon renewal - allow (not force) licensees to retain their dual classification, switch to a residential-only license, or switch to a commercial-only license and by doing so 2) increases flexibility for a business to choose what is most appropriate for their business.

I.E. we want to switch our license from a B to KB-1 but have been told we cannot keep our same license and would need a new license number. It seems ridiculous that we wouldn't be able to switch while maintaining the same number but can change from



dual to single.

Response: The Agency expressed appreciation for submitting comments and informed him they will be submitted as part of our next step in this process. The Agency further informed him that the mechanism to enable what he wants to do already exists and it is to simply apply for a new license, as it seems he's been advised. As identified, the current proposal doesn't seek to amend what you're asking but we can keep it in mind for future rulemaking.

Comment #12 – Tom Ford of Liberty Plumbing AZ

Is there something that can be done to un-licensed contractors advertising and selling jobs over their dollar limit on FB and other social media?

Response: The Agency informed him that it just recently hired an unlicensed investigator for just this idea. It was a recent initiative and, to be honest, the Agency will have to work through how best to handle these cases.

Comment #13 – Dan Sherwood of Alpine Construction & Development LLC

Per some of the info I have shared with you previously and a couple of my experiences during my 30+ years also a licensed contractor, I would like to see a provision that anyone of the general public who uses a non licensed entity to do work during a licensed contractor doing work on a job, or the correction of work done by a licensed contractor, automatically forfeits their ability to file a claim with the roc on a licensed contractor.

Until such time that the general public has to pay a price for using unlicensed contractors, the practice will continue. If Az is really wanting to curb that happening, there has to be some kind of penalty or those hiring the unlicensed folks, just as there is for employers hiring those who are in the US illegally.

That's my thoughts, from what I've experienced and what I continue to see around Az.

Response: The Agency informed him the suggestions would be beyond rulemaking, as the Agency understands what he is describing his thoughts would seem to be creating a prohibition of citation when a licensee corrects and unlicensed entity's work and regulation of consumers to penalize them for hiring unlicensed entities. Both would require statutory changes.

The Agency expressed appreciation for submitting comments and directed him to his legislator for the changes he is seeking.

Comment #14 – Chris Tortorello of Torel Custom Homes

One thing I think needs to be addressed is when a warrantee should start. It should be from the CO not when some one moves in. I had a client that moved in 18 months after completion-CO and no one lived in the house, There was a roof leak no one was aware of because of the clients vacancy. It was a mess. I repaired it but I don't think the law is correct on when a warrantee should start. Upon move in isn't fir to anyone and I believe the state should change.

Response: The Agency informed him that his suggestions would be beyond rulemaking. The ROC's jurisdiction to investigate a complaint comes from ARS 32-1155(A), which states: A. On the filing of a written complaint with the registrar charging a licensee with the commission, within two years before the date of filing the complaint, of an act that is cause for suspension or revocation of a license, including an act that is in violation of title 44, chapter 11, article 11, the registrar after investigation, in its sole discretion, may issue a citation directing the licensee, within ten days after service of the citation on the licensee, to appear by filing with the registrar the licensee's written answer to the citation and complaint showing cause, if any, why the licensee's license should not be suspended or revoked. Service of citation on the licensee shall be fully effected by personal service or by mailing a true copy thereof, together with a true copy of the complaint, by registered mail in a sealed envelope with postage prepaid and addressed to the licensee at the licensee's latest address of record in the registrar's office. Service of the citation and complaint shall be complete at the time of personal service or five days after deposit in the mail. The two-year period prescribed by this subsection shall commence on the earlier of the close of escrow or actual occupancy for new home or other new building construction and otherwise shall commence on completion of the specific project. To change this, you'll need to contact your state legislative members.

Comment #15 – Chris Powers of Unknown

R4-9-111, does this mean do we need 2 license 1 for res. and 1 for com.? I work in both.

Response: The Agency informed him that rule 111 would enable a licensee to choose to move away from the dual classification; enables, and further informed him that since he works in both, it means nothing to him. If at some point in the future, however, his company wanted to get out of commercial and continue working in residential, or vice versa, the rule would allow him to do that upon renewal.

Comment #16 – Glenn Parham

Speaking from my position as a 30 year painting contractor I think you have some great ideas, which I am all for.

I have the dual and at first was not impressed, probably because I had no say in the matter. Although, I have never had to tighten finances to the point of carrying only one license, residential or commercial. Their are many not so fortunate as myself and with just one license he maybe able to stay legal and be another example of Arizona craftsmanship.

Response: The Agency expressed appreciation for submitting comments and further appreciated his understanding of other licensees (and applicants just starting out, for that matter) who may not be able to or simply do not wish to pay to keep up both residential and commercial requirements.

Comment #17– Duane Yourko, Exec. Dir. of Arizona Roofing Contractors Association

ARCA is fully aware of the proposed changes impacting the CR-42 license classification and fully support the rulemaking. The changes will clarify the extent to which roofers can perform ancillary but necessary repairs to substrate. It will allow them to com-



ply and maintain a high degree of workmanship standards and install a water impermeable membrane that meets and / or exceeds expected standards without the delays of subcontracting out replacement / repairs work.

Response: The Agency expressed appreciation for submitting comments.

Comment #18 – Tracy Ann Strickland, Research Coord., of Satellite Broadcasting and Comms Association

Called to seek clarification for any impact to low voltage licenses and followed-up by email. Please find my contact information below and feel free to reach out to me anytime regarding electrical licensing for our industry. Thank you for getting back to me so quickly on the current rule. I greatly appreciate it.

Response: Informed of reestablishing R and C – 67 and of R4-9-111 to opt out of the forced dual.

Comment #19 – Joe Booth of Booth Construction LLC

Subject: ? Are the B dual license subject to change I have a B 2 Joe booth

Response: There are some changes to language but nothing significant compared to the change effective on June 11 increasing the limit to \$2M.

Comment #20 – Ron Brown of JBS Roofing

Thank you for submitting the new rule changes for our industry, this will clear up a lot of confusion for us. I totally approve of these changes, thank you again.

Response: The Agency expressed appreciation for submitting comments and informed him they will be submitted as part of our next step in this process.

Comment #21 – Craig Cavolo of Redwall Construction Inc.

Please add my name and Redwall Construction Inc. name to any list or tally you may have going in support of the rule changes listed for review closing July 16, 2017.

Response: The Agency expressed appreciation for submitting comments and informed him they will be submitted as part of our next step in this process.

Comment #22 – David Landis of Creative Finishing Services, Inc.

I have revised my comments and have resent them in this up to date attachment. I looked for the draft and see that the draft was already sent to you. Thank you for your interest. I will also use this revised attachment as an exhibit in my up-coming hearing. Attached please find my comments to Section R4-9-118 as it has applied to my case. I am a very hard working contractor who has hundreds of repeat customers. I love my work and go out of my way to make all my customers happy and satisfied one hundred percent of the time. I do not advertise, and I have a waiting list for certain projects, but also work with the public. To date, I have been a victim of the lack of proper prehearing disclosure, along with the lack of proper efficiency between the ROC and the OAH regarding my case. Both sides of the story must be addressed, not just the complaint against the contractor. There are fraudulent cases being claimed by customers. I have been assured of this by your legal department. My case is definitely one of them! I do work in multi-million dollar homes for customers who have numerous homes in the state of Arizona. In my next hearing, which is not yet scheduled, I will have affidavits from many of them. I will be stating why the recovery fund should not pay the customer after being falsely accused of poor workmanship. The decisions made did not include the proper information. Thank you for taking the time to properly review my comments and make the necessary changes in the rulings and statutes to protect the contractor; the ROC; the OAH; and the State of Arizona, from customer fraudulent claims and false accusations, for occasionally, they do occur. Also it is of the utmost importance that transparency and efficiency take place between the ROC and the OAH regarding these cases. I had an unjust telephonic hearing, and when I requested a rehearing, I was denied a rehearing. Now I have to prove that a very large payout should not be made from the recovery fund. Thank you for taking the time and effort to review my comments as I am a great example of the feedback that you are looking for. Hope this helps you make some very necessary and important decisions regarding these kinds of issues. If you would like any additional feedback please feel free to contact me anytime.

Response: The Agency expressed appreciate for submission of comments and clarified the prehearing disclosure requirements would apply to the Registrar in own motion cases; where the Registrar is bringing a case against a respondent.

In the majority of cases, however, including the example provided with case 2016-1138, the complainant and his company as the respondent would be the parties responsible for disclosing all witness and document information intended to be presented in the hearing.

The section is proposed to increase efficiency and effectiveness in case and to reduce/eliminate last minute information that would have otherwise eliminated the need for a hearing all together. The Agency will keep his comments in mind especially if the ROC decides to rework rehearing portion of the rules.

12. All agencies shall list other matters prescribed by statute applicable to the specific agency or to any specific rule or class of rules. Additionally, an agency subject to Council review under A.R.S. §§ 41-1052 and 41-1055 shall respond to the following questions:

None

a. Whether the rule requires a permit, whether a general permit is used and if not, the reasons why a general permit is not used;

The Registrar does not issue general permits because activities or practices in license classifications are not substantially similar in nature. Statutes require the Registrar to classify licenses in a manner consistent with established usage and procedure found in the construction business.



b. Whether a federal law is applicable to the subject of the rule, whether the rule is more stringent than federal law and if so, citation to the statutory authority to exceed the requirements of federal law:
 Not applicable

c. Whether a person submitted an analysis to the agency that compares the rule’s impact of the competitiveness of business in this state to the impact on business in other states:
 Not applicable

13. A list of any incorporated by reference material as specified in A.R.S. § 41-1028 and its location in the rule:
 None

14. Whether the rule was previously made, amended or repealed as an emergency rule. If so, cite the notice published in the Register as specified in R1-1-409(A). Also, the agency shall state where the text was changed between the emergency and the final rulemaking packages:
 Not applicable

15. The full text of the rules follows:

**TITLE 4. PROFESSIONS AND OCCUPATIONS
 CHAPTER 9. REGISTRAR OF CONTRACTORS**

ARTICLE 1. GENERAL PROVISIONS

- Section
- R4-9-102. Commercial Contractor License Classifications and Scopes of Work
- R4-9-103. Residential Contractor License Classifications and Scopes of Work
- R4-9-104. Dual Contractor License Classifications and Scopes of Work
- R4-9-106. Examinations
- R4-9-108. ~~Minimum Construction~~ Workmanship Standards
- R4-9-109. Name of Licensee or Applicant
- R4-9-111. ~~Repealed~~ Opting Out of Dual License Classifications
- R4-9-113. Application Process
- R4-9-115. Posting
- R4-9-117. Prior Record
- R4-9-118. ~~Reserved~~ Prehearing Disclosure Requirement

ARTICLE 1. GENERAL PROVISIONS

R4-9-102. Commercial Contractor License Classifications and Scopes of Work

A. Commercial contractor license classifications. License classifications for commercial contractors are as follows:

ENGINEERING CONTRACTING

- A No change
- A-4 No change
- A-5 No change
- A-7 No change
- A-9 No change
- A-11 No change
- A-12 No change
- A-14 No change
- A-15 No change
- A-16 No change
- A-17 No change
- A-19 No change

GENERAL COMMERCIAL CONTRACTING

- B-1 No change
- B-2 No change

SPECIALTY COMMERCIAL CONTRACTING

- C-1 Acoustical Systems
- C-3 Awnings, Canopies, Carports and Patio Covers
- C-4 No change
- C-6 No change
- C-7 Carpentry
- C-8 Floor Covering
- C-9 No change
- C-10 Drywall
- C-11 No change
- C-12 Elevators
- C-14 Fencing



- C-15 Blasting
- C-16 No change
- C-21 Hardscaping and Irrigation Systems
- C-24 Ornamental Metals
- C-27 No change
- C-31 Masonry
- C-34 Painting and Wall Covering
- C-36 Plastering
- C-37 No change
- C-38 Signs
- C-39 No change
- C-40 Insulation
- C-41 Septic Tanks and Systems
- C-42 Roofing
- C-45 Sheet Metal
- C-48 Ceramic, Plastic and Metal Tile
- C-49 No change
- C-53 No change
- C-54 Water Conditioning Equipment
- C-56 Welding
- C-57 Wrecking
- C-58 No change
- C-60 Finish Carpentry
- C-61 Carpentry, Remodeling and Repairs
- C-63 Appliances
- C-65 Glazing
- C-67 Low Voltage Communication Systems
- C-70 Reinforcing Bar and Wire Mesh
- C-74 No change
- C-77 No change
- C-78 No change
- C-79 No change

B. Commercial contracting scopes. The scope of work which may be done under the commercial contracting license classifications is as follows:

A- GENERAL ENGINEERING

This classification allows the licensee to construct or repair:

1. Fixed works
2. Streets
3. Roads
4. Power and utility plants
5. Dams
6. Hydroelectric plants
7. Sewage and waste disposal plants
8. Bridges
9. Tunnels
10. Overpasses
11. Public parks
12. Public right-of-ways

Also included are the scopes of work allowed by the A-4 through A-19 and ~~CR-2 through CR-80~~ classifications. This classification does not include work authorized by the B-1, B-2, B-, or B-3 scopes.

A-4 DRILLING

~~Drilling includes~~ This classification allows the licensee to drill, including horizontal and vertical drilling or boring, constructing, deepening, repairing, or abandoning wells; exploring for water, gas, and oil; and constructing dry wells, and monitor wells. Also included is the erection of rigs, derricks and related substructures, and installation, service and repair of pumps and pumping equipment.

A-5 EXCAVATING, GRADING AND OIL SURFACING

No change

A-7 PIERS AND FOUNDATIONS

This classification allows the licensee to install Installation of piers and foundations using concrete, rebar, post tension and other materials common to the industry. Includes pile driving, excavation, forming and other techniques and equipment common to the industry.

A-9 SWIMMING POOLS

This classification allows the licensee to construct Construction, service, and repair of swimming pools and spas, including water and gas service lines from point of service to pool equipment, wiring from pool equipment to first readily accessible disconnect, pool piping, fittings, backflow prevention devices, waste lines, and other integral parts of a swimming pool or spa.



- Also included is the installation of swimming pool accessories, covers, safety devices, and fencing for protective purposes, if in the original contract.
- A-11 **STEEL AND ALUMINUM ERECTION**
~~Field fabrication, erection, repair, and alteration of architectural and structural steel and aluminum materials common to the industry, including field layout, cutting, assembly, and erection by welding, bolting, wire tying or riveting.~~
This classification allows the licensee to install and repair architectural and structural steel and aluminum materials common to the industry. This classification also includes reinforcing steel and field layout, cutting, assembly, and erection by welding, bolting, wire tying or riveting.
- A-12 **SEWERS, DRAINS AND PIPE LAYING**
This classification allows the licensee to install ~~Installation~~ and repair of any project involving sewer access holes, the laying of pipe for storm drains, water and gas lines, irrigation, and sewers. Includes connecting sewer collector lines to building drains and the installation of septic tanks, leach lines, dry wells, all necessary connections, liners and related excavating and backfilling.
- A-14 **ASPHALT PAVING**
This classification allows the licensee to install ~~Installation~~ of asphalt paving, and all related fine grading on streets, highways, driveways, parking lots, tennis courts, running tracks, play areas, and gas station driveways and areas, using materials and accessories common to the industry. ~~Includes~~ Only permitted as it pertains to the larger scope of work, the classification also permits the necessary excavation and grading ~~only~~ for height adjustment of existing sewer access holes, storm drains, water valves, sewer cleanouts, and drain gates. Also included is the scope of work allowed by the A-15 Seal Coating Classification.
- A-15 **SEAL COATING**
This classification allows the licensee to apply ~~Application~~ of seal coating to asphalt paving surfaces. This classification also allows ~~Includes~~ repair of surface cracks and application of painted marking symbols.
- A-16 **WATERWORKS**
This classification allows the licensee to perform all ~~All~~ work necessary for the production and distribution of water including drilling well, setting casing and pump, related electrical work, related concrete work, excavation, piping for storage and distribution, storage tanks, related fencing, purification and chlorination equipment.
- A-17 **ELECTRICAL AND TRANSMISSION LINES**
This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of transmission lines on public right-of-ways, including erection of poles, guying systems, tower line erection, cellular and communication towers, street lighting of all voltages, and all underground systems including ducts for signal, communication, and similar installations. This classification also allows the licensee to install ~~Installing~~ transformers, circuit breakers, capacitors, primary metering devices and other related equipment of all commercial electrical construction ~~is included.~~
~~All electrical systems of less than 600 volts on or inside a building are excluded.~~
- A-19 **SWIMMING POOLS, INCLUDING SOLAR**
~~Construction, service, and repair of swimming pools and spas, with or without solar water heating devices, including water and gas service lines from point of service to pool equipment, wiring from pool equipment to first readily accessible disconnect, pool piping, fittings, backflow prevention devices, waste lines and other integral parts of a swimming pool, spa and attached solar water heating device.~~
~~Also included are swimming pool accessories, covers, safety devices, and fencing for protective purposes, if in the original contract.~~
This classification allows the licensee to perform the same scope of work permitted by the A-9 but also includes installation and repair of solar heating devices.
- B-1 **GENERAL COMMERCIAL CONTRACTOR**
This classification allows the licensee to construct, alter, ~~Construction, alteration,~~ and repair in connection with any structure built, being built, or to be built for the support, shelter, and enclosure of persons, animals, ~~chattels,~~ or movable property of any kind. This scope includes the supervision of all or any part of the above and includes the management, or direct or indirect supervision of any work performed.
~~Also included are the scopes of work allowed by the CR 2 through CR 80 license classifications.~~ Work related to electrical, plumbing, air conditioning systems, boilers, swimming pools, spas and water wells must be subcontracted to an appropriately licensed contractor. This classification does not include work authorized by the A-, B-, or B-3 scopes.
- B-2 **GENERAL SMALL COMMERCIAL CONTRACTOR**
For projects of \$2,000,000 or less including labor and materials, this classification allows the licensee to perform ~~Small~~ commercial construction in connection with any new structure or addition built, being built, or to be built for the support, shelter and enclosure of persons, animals, ~~chattels~~ or movable property of any kind ~~for which the total amount paid to the licensee does not exceed 2,000,000.~~ This scope includes the supervision of all or any part of the above and includes the management or direct or indirect supervision of any work performed.
Work related to electrical, plumbing, fire protection systems, air conditioning systems, boilers, swimming pools, spas and water wells must be subcontracted to an appropriately licensed contractor. This classification does not include work authorized by the A-, B-, B-3, or residential scopes.
- C-1 **ACOUSTICAL SYSTEMS**
This classification allows the licensee to install and repair pre-manufactured acoustical ceiling and wall systems.
This classification does not allow the licensee to install or repair electrical or mechanical systems.
- C-3 **AWNINGS, CANOPIES, CARPORTS AND PATIO COVERS**
This classification allows the licensee to place concrete footings and concrete slabs as required for the licensee to install and repair:



- 1. Window awnings
- 2. Door hoods
- 3. Freestanding or attached canopies
- 4. Carport and patio covers constructed of metal, fabric, fiberglass, or plastic
- 5. Screened and paneled enclosures, which are not intended for use as habitable spaces, using metal panels, plastic inserts, and screen doors. A minimum of 60% of the wall area of an enclosure shall be constructed of screening material.
- 6. Fascia panels
- 7. Flashing and skirting
- 8. Exterior, detached metal storage units not to exceed 120 square feet

This classification does not allow the licensee to install or repair electrical, plumbing, or air conditioning systems.

C-4 BOILERS, STEAMFITTING AND PROCESS PIPING

This classification allows the licensee to install, alter, installation, alteration, and repair of steam and hot water systems and boilers, including chimney connections, flues, refractories, burners, piping, fittings, valves, thermal insulation, and accessories; fuel and water lines from source of supply to boilers; process and specialty piping and related equipment; pneumatic and electrical controls.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

C-6 SWIMMING POOL SERVICE AND REPAIR

Service, replacement, and repair of swimming pools including all existing connections and equipment. Pool gas heaters and gas piping from meter to heater may be installed only if the existing line and gas supply are adequate.

Application of pool coatings to interior of pool in conjunction with minor repairs to pool tile, plaster, and decks.

Excluded are chlorine gas connections, connections to potable water, and electric connections beyond first readily accessible disconnect. This classification excludes a complete replacement of plaster or pebble pool interiors and decks.

This classification allows the licensee to replace and repair commercial pools and accessories including all existing connections and equipment. Plumbing connections to a potable water system, gas lines, gas chlorine systems, and electrical work beyond the first disconnect must be subcontracted to a properly licensed contractor.

This classification does not allow the licensee to perform a complete replacement of plaster or pebble pool interiors and decks.

C-7 CARPENTRY

This classification allows the licensee to install and repair:

- 1. Rough carpentry
- 2. Finish carpentry
- 3. Hardware
- 4. Millwork
- 5. Metal studs
- 6. Metal doors or door frames
- 7. Windows

C-8 FLOOR COVERING

This classification allows the licensee to prepare a surface as required for the licensee to install and repair the following floor covering materials:

- 1. Carpet
- 2. Floor tile
- 3. Wood
- 4. Linoleum
- 5. Vinyl
- 6. Asphalt
- 7. Rubber
- 8. Concrete coatings

C-9 CONCRETE

All work in connection with the processing, proportioning, batching, mixing, conveying, and placing of concrete composed of materials common to the concrete industry, including finishing, coloring, curing, repairing, testing, drilling, sawing, grinding, chipping, and grouting. Placing film barriers, sealing, and waterproofing are included.

Construction, centering, and assembling forms, molds, insulating concrete forms, slipforms, and pans.

This classification allows the licensee to install and repair concrete, concrete products, and accessories common to the industry.

This classification also allows the licensee to perform trenching, Trenching, excavating, backfilling, and grading in connection with concrete construction.

Installation of embedded items essential to or comprising an integral part of the concrete or concrete construction, including reinforcing elements and accessories.

C-10 DRYWALL

This classification allows the licensee to install and repair:

- 1. Gypsum wall board
- 2. Ceiling grid systems
- 3. Movable partitions
- 4. Wall board tape and texture



5. Non-load bearing, lightweight, steel wall partitions
- C-11 ELECTRICAL
This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of any wiring, related electrical material and equipment used in the generating, transmitting, or utilization of electrical energy less than 600 volts, including all overhead electrical wiring on public right-of-ways for signs and street decorations, and all underground electrical distribution systems of less than 600 volts serving private properties.
This classification also allows the licensee to install, alter, ~~Installation, alteration,~~ and repair ~~on other than public right-of-ways~~ of all outside, overhead, and underground electrical construction and all wiring in or on any building of less than 600 volts, but does not permit work in public right-of-ways.
- C-12 ELEVATORS
This classification allows the licensee to install and repair:
 1. Elevators
 2. Dumbwaiters
 3. Escalators
 4. Moving walks and ramps
 5. Stage and orchestra lifts
- C-14 FENCING
This classification allows the licensee to install and repair:
 1. Metal, wood, and cement block fencing
 2. Automatic gates
 3. Fire access strobes
 4. Highway guard rails
 5. Cattle guards
 6. Low voltage U.L. approved electrical fence protective devices of less than 25 volts and 100 wattsThis classification does not allow the licensee to install or repair retaining walls.
- C-15 BLASTING
This classification allows the licensee to drill, bore, move earth, and build temporary shelters or barricades, as required for the licensee's use of explosives and explosive devices for:
 1. Excavation
 2. Demolition
 3. Geological exploration
 4. Mining
 5. Construction related blasting
- C-16 FIRE PROTECTION SYSTEMS
This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of fire protection systems using water, steam, gas, or chemicals. Included is any required excavation, trenching, backfilling and grading, piping from structure, and connections to off-premise water supply adjacent to property involving a fire protection system.
Systems may include the following areas of work and related equipment: restaurant hood protection systems; fire pumps and drivers; pressure and storage tanks; all piping and valves; sprinkler heads and nozzles; and application of materials for the prevention of corrosion or freezing.
Also included are air compressors, air receivers, bottled inert gases, pressurized chemicals, manifolds, pneumatic, hydraulic, or electrical controls, low voltage signaling systems, control piping, and the flushing and testing of systems.
- C-21 HARDSCAPING AND IRRIGATION SYSTEMS
This classification allows the licensee to install, alter, and repair:
 1. Non-loadbearing concrete
 2. Uncovered patios, walkways, driveways made of brick, stone, pavers or gravel
 3. Wooden decks no higher than 29 inches above finish grade
 4. Decorative garden walls up to six feet from finish grade
 5. Fences and screens up to six feet from finish grade
 6. Retaining walls up to three feet from the finish grade of the lower elevation
 7. Free standing fire pits, fireplaces, or barbeques – electric, plumbing, and gas must be subcontracted to a properly licensed contractor
 8. Low voltage landscape lighting
 9. Water features that are not attached to swimming pools; including any necessary: electrical wiring of 120 volts or less, connection to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or grading
 10. Irrigation systems, including any necessary: electrical wiring of 120 volts or less, connection to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or gradingWith the exception of free standing fire pits, fireplaces, or barbeques, this classification does not allow the licensee to install, contract for, or subcontract new electrical service panels, gas or plumbing lines, blasting, outdoor kitchens, gazebos, room additions, swimming pools, pool deck coatings, barbeques, concrete driveways, load bearing walls, or perimeter fencing.
- C-24 ORNAMENTAL METALS
This classification allows the licensee to install, alter, or repair non-structural ornamental metal, such as:
 1. Metal folding gates
 2. Guard and hand rails



- 3. Wrought iron fencing and gates
- 4. Window shutters and grilles
- 5. Room dividers and shields
- 6. Metal accessories common to the industry

This classification does not allow the licensee to install fire escapes or stairs.

C-27

LIGHTWEIGHT PARTITIONS

This classification allows the licensee to install ~~Installation of~~ lightweight (not to exceed 14 gauge) metal wall partitions, including suspended metal ceiling grid systems, as supporting members for the application of building materials such as: application and repair of gypsum plaster, cement, acoustical plaster, or a combination of materials and aggregates, that create a permanent coating; the application of such materials over any surface which offers either a mechanical or suction type bond, sprayed, dashed, or troweled to the surface; surface sandblasting preparatory to plastering or stucco; installation of plastering accessories and lath products manufactured to provide a key or suction type bond for the support of various type plaster coatings; and installation and repair of gypsum wall board, pointing, accessories, taping, and texturing on structures both interior and exterior.

Upon the effective date of these rules, no new applications for the C-27 classification will be accepted and no new C-27 licenses will be issued.

C-31

MASONRY

This classification allows the licensee to grout, caulk, sand blast, tuckpoint, mortar wash, parge, clean and weld reinforcing steel as required for the licensee to install and repair:

- 1. Masonry
- 2. Brick
- 3. Concrete block
- 4. Insulating concrete forms
- 5. Adobe units
- 6. Stone
- 7. Marble
- 8. Slate
- 9. Mortar-free masonry products

C-34

PAINTING AND WALL COVERING

This classification allows the licensee to perform surface preparation to install, apply or repair:

- 1. Wallpaper
- 2. Wall covering cloth
- 3. Wall covering vinyl
- 4. Decorative texture
- 5. Paint
- 6. Liquid floor and wall coatings

C-36

PLASTERING

This classification allows the licensee to install laths, metal studs, metal grid systems, or other bases as required for the licensee to coat surfaces by trowel or spray with combinations of:

- 1. Sand mixtures (e.g. stucco)
- 2. Gypsum plaster
- 3. Cement
- 4. Acoustical plaster
- 5. Swimming pool interiors (excluding tile)

C-37

PLUMBING

This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of all plumbing when performed solely within property lines and not on public easements or right-of-ways, except as hereinafter provided.

This classification also allows the licensee to perform installation, ~~Installation,~~ alteration, and repair of all piping, fixtures, and appliances related to water supply, including pressure vessels and tanks (excluding municipal or related water supply systems); venting and sanitary drainage systems for all fluid, semifluid, and organic wastes; septic tanks and leaching lines; roof leaders; lawn sprinklers; water conditioning equipment; piping; and equipment for swimming pools.

Also included are piping, fixtures, appliances, and pressure vessels for manufactured and natural gases, compressed air and vacuum systems, petroleum, fuel oil, nonpotable liquids, hot water heating, and hot water supply systems operating at pressures not exceeding 30 PSIG, or temperatures not exceeding 220° F; steam heating and steam supply systems not exceeding 15 PSIG operating pressure; gas or oil fired space heaters and furnaces, excluding duct work. Piping for water cooling systems, excluding the refrigerant piping and equipment. Testing and balancing of hydronics systems.

Sewer, gas, water lines, and connections from structure to the nearest point of public supply or disposal may cross public or private easements or be installed within private easements or right-of-ways. Pipe installed across public property may not be increased in size, or make any other connection between the point of exit from private property to the point of connection at public supply or disposal. These lines shall not be installed parallel to main lines in public easements or right-of-ways.

C-38

SIGNS

This classification allows the licensee to install and repair posts, poles, supports, paint, and electrical wiring as required for the licensee to install and repair:

- 1. Signs



2. Displays
3. Flagpoles
- C-39 AIR CONDITIONING AND REFRIGERATION
This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of refrigeration and evaporative cooling systems.
This classification also allows the licensee to perform installation, ~~Installation,~~ alteration, and repair of heating systems of “wet”, “dry” or radiant type. “Wet” systems include steam or hot water boilers and coils, or baseboard convectors, and are limited to 30 PSIG operating pressure of 220° F for hot water and 15 PSIG operating pressure for steam. Dry systems include gas fired furnaces and space heaters.
This classification also allows the licensee to perform installation, ~~Installation,~~ alteration, and repair of ventilation systems includes duct work, air filtering devices, water treatment devices, pneumatic or electrical controls, and control piping. Thermal and acoustical insulation of refrigerant pipes and ductwork, vibration isolation materials and devices, liquid fuel piping and tanks, water and gas piping from service connection to the equipment it serves. Testing and balancing of refrigerant, cooling, heating circuits, and air handling systems.
If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.
- C-40 INSULATION
This classification allows the licensee to install and repair:
1. Insulation materials, including radiant barriers
2. Preformed architectural acoustical materials
3. Insulation protecting materials
- C-41 SEPTIC TANKS AND SYSTEMS
This classification allows the licensee to excavate, install and repair pipe, backfill, and compact soil as required for the licensee to install and repair:
1. Septic tanks
2. Aerobic digesters
3. Leaching fields
- C-42 ROOFING
This classification allows the licensee to apply, repair, or install weatherproofing (i.e. asphaltum, pitch, tar, felt, glass fabric, flax, or other commonly used materials or systems) or roof accessories (i.e. flashing, valleys, gravel stops, or sheet metal) as required for the licensee to install and repair:
1. Roof tile
2. Shingles
3. Shakes
4. Slate
5. Metal roofing systems
6. Urethane foam
7. Roof insulation or coatings on or above the roof deck
This classification allows the licensee to replace up to 10 percent of the total roof substrate square footage as it relates to issues with substrate discovered after execution of the initial contract. Replacing more than 10 percent of the roof substrate square footage as it relates to issues with substrate discovered after execution of the initial contract requires licensee to subcontract work to a properly licensed contractor.
This classification also allows the licensee to install new or replace existing skylights where it does not require changes to the roof framing or roof structure and replace fascia not to exceed 24 linear feet.
Licensee may lift HVAC equipment to allow for proper installation of roofing material. However, the licensee must subcontract work to a properly licensed contractor if HVAC equipment ducting requires any modification to allow for proper installation of roofing material.
- C-45 SHEET METAL
This classification allows the licensee to install and repair:
1. Sheet metal
2. Cornices
3. Flashings
4. Gutters
5. Leaders
6. Pans
7. Kitchen equipment
8. Duct work
9. Skylights
10. Patented chimneys
11. Metal flues
12. Metal roofing systems
- C-48 CERAMIC, PLASTIC AND METAL TILE
This classification allows the licensee to prepare a surface as required for the licensee to install and repair the following tile products on horizontal and vertical surfaces:
1. Ceramic



- 2. Clay
- 3. Faience
- 4. Metal
- 5. Mosaic
- 6. Glass mosaic
- 7. Paver
- 8. Plastic
- 9. Quarry and stone tiles such as marble or slate
- 10. Terrazzo

C-49 Installation of shower doors and tub enclosures are included when a part of the original contract.
REFRIGERATION

This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of refrigeration equipment and systems used for processing, storage, and display of food products and other perishable commodities.

This classification includes ~~includes~~ commercial, industrial, and manufacturing processes requiring refrigeration excluding comfort air conditioning.

Systems may also include the following areas of work and related equipment: temperature, safety and capacity controls, thermal insulation, vibration isolation materials and devices; water treatment devices; construction and installation of walk-in refrigeration boxes, liquid fuel piping and tanks, water and gas piping from equipment to service connection; and testing and balancing of refrigeration equipment and systems.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

C-53 WATER WELL DRILLING

This classification allows the licensee to drill ~~Drill~~ new water wells or deepen existing water wells by use of standard practices including the use of cable tools, compressed air percussion, rotary, air rotary, or reverse circulation rotary methods. Includes installing casing, gravel pack, perforating and sanitary seals. Repair existing wells by sand pumping, jetting, acidizing, swabbing, clean out, re-perforating, swaging, installation of annealed lines, and the removal of debris.

Includes photographing interior of wells with appropriate equipment. Installation of jet and submersible pumps; electrical pump controls and wiring from pump equipment to first readily accessible disconnect; and water line to storage or pressure tank, not to exceed 50 linear feet. Use of a test pump to develop a new well, or repair an existing well, when provided in contract, is limited to 5 horsepower.

Installation of concrete pump bases not to exceed 50 square feet.

Installation of protective fencing when included in original contract.

C-54 WATER CONDITIONING EQUIPMENT

This classification allows the licensee to perform trenching, backfilling, and grading; and install and repair piping, fittings, valves, concrete supports, and electrical control panels of less than 25 volts and required grounding devices; as required for the licensee to install and repair:

- 1. Water conditioning equipment
- 2. Misting systems
- 3. Exchange tanks
- 4. Indirect waste pipe carrying brine, backwash and rinse water to the point of disposal

C-56 WELDING

This classification allows the licensee to weld metals.

C-57 WRECKING

This classification allows the licensee to install and repair temporary ramps, barricades, and pedestrian walkways as required for the licensee to demolish, dismantle, or remove structures not intended for reuse. This classification does not allow the licensee to use explosives.

C-58 COMFORT HEATING, VENTILATING, EVAPORATIVE COOLING

This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of warm air heating systems, gas fired furnaces and space heaters, ventilation and evaporative cooling units, or any combination of these.

Systems may include the following areas of work and related equipment; duct work, air filtering devices, pneumatic or electrical controls, control piping, thermal and acoustical insulation, vibration isolation materials and devices, liquid fuel piping and tanks, water and gas piping from service connection to equipment it serves. Testing and balancing of air handling systems.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

C-60 FINISH CARPENTRY

This classification allows the licensee to install and repair millwork such as:

- 1. Cabinets
- 2. Counter tops
- 3. Case sash
- 4. Door trim
- 5. Metal doors
- 6. Automatic door closers
- 7. Wood flooring



- C-61 CARPENTRY, REMODELING AND REPAIRS
For projects of \$50,000 or less including labor and materials, this classification allows the licensee to perform all general remodeling, additions, replacements, and repairs to existing structures.
Work related to electrical, plumbing, air conditioning systems, and boilers must be subcontracted to an appropriately licensed contractor.
- C-63 APPLIANCES
This classification allows the licensee to install and repair appliances.
This classification does not allow the licensee to install or repair gas, electrical, or plumbing lines.
- C-65 GLAZING
This classification allows the licensee to install and repair weatherproofing, caulking, sealants, and adhesives as required for the licensee to install and repair:
1. Glass products
 2. Window film
 3. Window treatments, such as blinds or shutters
 4. Steel and aluminum glass holding members
- C-67 LOW VOLTAGE COMMUNICATION SYSTEMS
This classification allows the licensee to build antenna towers on existing structures as required for the licensee to install, service, and repair:
1. Alarm systems
 2. Telephone systems
 3. Sound systems
 4. Intercommunication systems
 5. Public addressing systems
 6. Television or video systems
 7. Low voltage signaling devices
 8. Low voltage landscape lighting that does not exceed 91 volts
 9. Master and program clocks (only low voltage wiring and needed equipment)
- C-70 REINFORCING BAR AND WIRE MESH
This classification allows the licensee to install and repair:
1. Reinforcing bar
 2. Post-tension
 3. Wire mesh
- C-74 BOILERS, STEAMFITTING AND PROCESS PIPING, INCLUDING SOLAR
This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of steam and hot water systems and boilers including solar. Also included are chimney connections, flues, refractories, burners, piping, fittings, valves, thermal insulation and accessories; fuel and water lines from source of supply to boilers; process and specialty piping and related equipment; pneumatic and electrical controls.
 If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.
- C-77 PLUMBING INCLUDING SOLAR
This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of all plumbing including solar, when performed solely within property lines and not on public easements or right-of-ways except as hereinafter provided.
This classification also allows for installation ~~Installation,~~ alteration, and repair of all piping, fixtures and appliances related to water supply, including pressure vessels and tanks (excluding municipal or related water supply systems); venting and sanitary drainage systems for all fluid, semifluid, and organic wastes; septic tanks and leaching lines; roof leaders; lawn sprinkler systems; water conditioning equipment; piping and equipment for swimming pools.
 Also included are piping, fixtures, appliances, and pressure vessels for manufactured and natural gases, compressed air and vacuum systems, petroleum, fuel oil, nonpotable liquids, hot water heating and hot water supply systems operating at pressures not exceeding 30 PSIG or temperatures not exceeding 220° F; steam heating and steam supply systems not exceeding 15 PSIG operating pressure; gas or oil fired space heaters and furnaces excluding duct work. Piping for water cooling systems, excluding the refrigerant piping and equipment. Testing and balancing of hydronics systems.
 Sewer, gas, water lines, and connections from structure to the nearest point of public supply or disposal may cross public or private easements or be installed within private easements. Pipe installed across public property may not be increased in size or make any other connection between the point of exit from private property to point of connection at public supply or disposal. These lines shall not be installed parallel to main lines in public easements or right-of-ways.
- C-78 SOLAR PLUMBING LIQUID SYSTEMS ONLY
This classification allows the licensee to install, alter, ~~Installation, alteration,~~ and repair of solar water heating systems operating at temperatures not exceeding 220° F, including thermosyphon, direct (open loop), and indirect (closed loop), but excludes air as a transfer medium.
 Includes installation of collectors, storage and expansion tanks, heat exchangers, piping valves, pumps, sensors and low voltage controls which connect to existing plumbing and electrical stubouts at the water tank location.
 Installation of solar water heating systems for swimming pools which tie into and operate from the conventional pool systems, but excludes all non-solar plumbing, electrical and mechanical systems and components.



Installation of backup and auxiliary heating systems only when such systems are included in the original contract and when such systems are an integral part of the solar collector or storage equipment.

C-79 AIR CONDITIONING AND REFRIGERATION, INCLUDING SOLAR
This classification allows the licensee to install, alter, installation, alteration, and repair of refrigeration and evaporative cooling systems, including solar.

This classification also allows for installation installation, alteration, and repair of heating systems of "wet", "dry" or radiant type. "Wet" systems include steam, or hot water boilers and coils, or baseboard convectors and are limited to 30 PSIG operating pressure of 220° F for hot water and 15 PSIG operating pressure for steam. Dry systems include gas fired furnaces and space heaters.

This classification also allows for installation installation, alteration, and repair of ventilation systems.

Installation of these systems include duct work, air filtering devices, water treatment devices, pneumatic or electrical controls, and control piping. Thermal and acoustical insulation, vibration isolation materials and devices, liquid fuel piping and tanks, and water and gas piping from service connection to equipment it serves. Testing and balancing of refrigerant, cooling and heating circuits, and air handling systems.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

R4-9-103. Residential Contractor License Classifications and Scopes of Work

A. Residential contracting license classifications. License classifications for residential contractors are as follows:

GENERAL RESIDENTIAL CONTRACTING

- B- No change
B-3 No change
B-4 General Residential Engineering Contractor
B-4R Corrosion Control
B-4R Sport Court Accessories
B-4R Soil Stabilization
B-5 General Swimming Pool Contractor
B-5R Swimming Pool Covers
B-5R Fiberglassing of Swimming Pools
B-5R Reservoir Linings & Covers
B-5R Factory Fabricated Pools & Accessories
B-6 No change
B-10 No change

SPECIALTY RESIDENTIAL CONTRACTING

- R-1 Acoustical Systems
R-2 No change
R-3 Awnings, Canopies, Carports and Patio Covers
R-4 Boilers, Including Solar Boilers, Steamfitting and Process Piping
R-4R Boilers
R-6 No change
R-7 Carpentry
R-8 Floor Covering
R-9 No change
R-10 Drywall
R-11 No change
R-12 Elevators
R-13 No change
R-14 Fencing
R-15 Blasting
R-16 No change
R-17 No change
R-21 Hardscaping and Irrigation Systems
R-22 No change
R-24 Ornamental Metals
R-31 Masonry
R-34 Painting and Wall Covering
R-36 Plastering
R-37 No change
R-37R No change



- R-38 Signs
- R-39 Air Conditioning and Refrigeration, Including Solar
 - R-39R Air Conditioning and Refrigeration
 - ~~R-39R Gas Refrigeration~~
 - R-39R Temperature Control Systems
 - R-39R Warm Air Heating, Evaporative Cooling and Ventilating
 - R-39R Evaporative Cooling and Ventilators
 - ~~R-39R Pre-Coolers~~
- R-40 Insulation
- R-41 Septic Tanks and Systems
- R-42 Roofing
- R-45 Sheet Metal
- R-48 Ceramic, Plastic and Metal Tile
- R-53 No change
- R-54 Water Conditioning Equipment
- R-56 Welding
- R-57 Wrecking
- R-60 Finish Carpentry
- R-61 Carpentry, Remodeling and Repairs
- R-62 No change
- R-63 Appliances
- R-65 Glazing
- R-67 Low Voltage Communication Systems
- R-70 Reinforcing Bar and Wire Mesh

B. RESIDENTIAL CONTRACTING SCOPES. The “R” designation after the license classification means that the licensee’s scope of work is restricted to the description stated in the license title. The scope of work which may be done under the residential contracting license classifications is as follows:

B- GENERAL RESIDENTIAL CONTRACTOR

This classification allows the licensee to construct and repair ~~Construction of~~ all or any part of a residential structure or appurtenance. ~~Also included are the scopes of work allowed by the B-3 and CR-2 through CR-80 license classifications.~~ Work related to electrical, plumbing, air conditioning systems, boilers, swimming pools, spas and water wells must be subcontracted to an appropriately licensed contractor. This classification does not include work authorized by the A-, B-1, or B-2 scopes.

B-3 GENERAL REMODELING AND REPAIR CONTRACTOR

This classification allows the licensee to remodel and repair ~~Remodeling or repair of~~ an existing residential structure or appurtenance except for electrical, plumbing, mechanical, boilers, swimming pools, spas and water wells, which must be subcontracted to an appropriately licensed contractor. The scope of work allowed under the ~~CR-7~~ R-7 carpentry classification is included within this scope.

This classification does not include work authorized by the A-, B-1, or B-2 scopes.

B-4 GENERAL RESIDENTIAL ENGINEERING CONTRACTOR

This classification allows the licensee to construct ~~Construction~~ and repair of appurtenances to residential structures. Work related to electrical, plumbing, air conditioning systems, boilers, and water wells must be subcontracted to an appropriately licensed contractor. This scope includes the CR-21, B-5, and all B-4R subclassifications.

- ~~B-4R Corrosion Control~~
- B-4R Sport Court Accessories
- ~~B-4R Soil Stabilization~~

Upon the effective date of these rules, no new applications for the B-4R license classifications will be accepted and no new B-4R licenses will be issued.

B-5 GENERAL SWIMMING POOL CONTRACTOR

This classification allows the licensee to construct ~~Construction~~ and repair of swimming pools and spas. Installation of code-required pool barriers around the swimming pool or spa and installation of utilities from the point of service to the pool equipment. Construction of other structures or appurtenances is excluded. This scope includes all B-5R subclassifications.

- B-5R Swimming Pool Covers
- ~~B-5R Fiberglassing of Swimming Pools~~
- ~~B-5R Reservoir Linings & Covers~~
- B-5R Factory Fabricated Pools & Accessories

Upon the effective date of these rules, no new applications for the B-5R classifications will be accepted and no new B-5R licenses will be issued.

B-6 GENERAL SWIMMING POOL CONTRACTOR, INCLUDING SOLAR

This classification allows the licensee to perform the same scope of work permitted by the ~~The scope of work allowed in this classification is the same as B-5 (including all B-5R subclassifications) with the inclusion of~~ but also includes installation and repair of solar heating devices.

B-10 PRE-MANUFACTURED SPAS AND HOT TUBS



This classification allows the licensee to construct ~~Construction~~ and repair of spas and hot tubs. Installation of code-required pool barriers around the spa or hot tub and installation of utilities from the point of service to the spa equipment are included.

R-1 ACOUSTICAL SYSTEMS

This classification allows the licensee to install and repair pre-manufactured acoustical ceiling and wall systems. This classification does not allow the licensee to install or repair electrical or mechanical systems.

R-2 EXCAVATING, GRADING AND OILSURFACING

No change

R-3 AWNINGS, CANOPIES, CARPORTS AND PATIO COVERS

This classification allows the licensee to place concrete footings and concrete slabs as required for the licensee to install and repair:

1. Window awnings
2. Door hoods
3. Freestanding or attached canopies
4. Carport and patio covers constructed of metal, fabric, fiberglass, or plastic
5. Screened and paneled enclosures, which are not intended for use as habitable spaces, using metal panels, plastic inserts, and screen doors. A minimum of 60% of the wall area of an enclosure shall be constructed of screening material.
6. Fascia panels
7. Flashing and skirting
8. Exterior, detached metal storage units, not to exceed 200 square feet

This classification does not allow the licensee to install or repair electrical, plumbing, or air conditioning systems.

R-4 BOILERS, INCLUDING SOLAR BOILERS, STEAMFITTING AND PROCESS PIPING

Installation and repair of steam and hot water boilers:

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel. This scope includes the C-4R subclassification.

R-4R Boilers

This classification allows the licensee to install, alter, and repair steam and hot water systems and boilers, including chimney connections, flues, refractories, burners, piping, fittings, valves, thermal insulation, and accessories; fuel and water lines from source of supply to boilers; process and specialty piping and related equipment; pneumatic and electrical controls.

If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel.

R-6 SWIMMING POOL SERVICE AND REPAIR

This classification allows the licensee to service and perform minor repair ~~Service and minor repair~~ of residential pools and accessories, excluding plumbing connections to a potable water system, gas lines, gas chlorine systems, and electrical work beyond the first disconnect. ~~This classification does not include a complete replacement of plaster or pebble pool interiors and decks.~~

This classification does not allow the licensee to perform a complete replacement of plaster or pebble pool interiors and decks.

R-7 CARPENTRY

This classification allows the licensee to install and repair:

1. Rough carpentry
2. Finish carpentry
3. Hardware
4. Millwork
5. Metal studs
6. Metal doors or door frames
7. Windows

R-8 FLOOR COVERING

This classification allows the licensee to prepare a surface as required for the licensee to install and repair the following floor covering materials:

1. Carpet
2. Floor tile
3. Wood
4. Linoleum
5. Vinyl
6. Asphalt
7. Rubber
8. Concrete coatings

R-9 CONCRETE

This classification allows the licensee to install ~~Installation~~ and repair of concrete, concrete products, and accessories common to the industry.

R-10 DRYWALL

This classification allows the licensee to install and repair:

1. Gypsum wall board



2. Ceiling grid systems as supporting members for gypsum drywall
 3. Movable partitions
 4. Wall board tape and texture
 5. Non-load bearing, lightweight, steel wall partitions
- R-11 ELECTRICAL
This classification allows the licensee to install ~~Installation~~ and repair of residential electrical systems.
- R-12 ELEVATORS
This classification allows the licensee to install and repair:
 1. Elevators
 2. Dumbwaiters
 3. Escalators
 4. Moving walks and ramps
 5. Stage and orchestra lifts
- R-13 ASPHALT PAVING
This classification allows the licensee to install ~~Installation~~ and repair of paved areas using materials and methods common to the industry, including asphalt curbs, concrete bumper curbs, headers, and striping.
- R-14 FENCING
This classification allows the licensee to install and repair:
 1. Metal, wood, and cement block fencing
 2. Automatic gates
 3. Fire access strobes
 4. Cattle guards
 5. Low voltage U.L. approved electrical fence protective devices of less than 25 volts and 100 watts
This classification does not allow the licensee to install or repair retaining walls.
- R-15 BLASTING
This classification allows the licensee to drill, bore, move earth, and build temporary shelters or barricades, as required for the licensee's use of explosives and explosive devices for:
 1. Excavation
 2. Demolition
 3. Construction related blasting
- R-16 FIRE PROTECTION SYSTEMS
This classification allows the licensee to install ~~Installation~~ and repair of approved types of fire prevention and fire protection systems including all mechanical apparatus, devices, piping, ~~low voltage signaling systems~~, and equipment common to the fire protection industry. Installation and repair of low voltage signaling systems are also permitted by the R-16 but ~~Installation~~ installation and repair of all other electrical devices, apparatus, and wiring must be subcontracted to a properly licensed contractor.
- R-17 STRUCTURAL STEEL AND ALUMINUM
This classification allows the licensee to install ~~Installation~~ and repair of architectural and structural ~~shapes and members steel and aluminum materials~~ common to the industry, ~~including reinforcing steel which may be used as structural members for buildings, equipment, and structures.~~
This classification also includes reinforcing steel and field layout, cutting, assembly, and erection by welding, bolting, wire tying or riveting.
- R-21 HARDSCAPING AND IRRIGATION SYSTEMS
This classification allows the licensee to install, alter, and repair:
 1. Non-loadbearing concrete
 2. Uncovered patios, walkways, driveways made of brick, stone, pavers or gravel
 3. Wooden decks no higher than 29 inches above finish grade
 4. Decorative garden walls up to six feet from finish grade
 5. Fences and screens up to six feet from finish grade
 6. Retaining walls up to three feet from the finish grade of the lower elevation
 7. Free standing fire pits, fireplaces, or barbeques – electric, plumbing, and gas must be subcontracted to a properly licensed contractor
 8. Low voltage landscape lighting
 9. Water features that are not attached to swimming pools: including any necessary: electrical wiring of 120 volts or less, connection to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or grading
 10. Irrigation systems, including any necessary: electrical wiring of 120 volts or less, connection to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or grading
 11. Residential outdoor misting systems. Freestanding or attached to existing appurtenance, not more than 1000 PSI.
 12. Free standing and uncovered outdoor kitchens – electric, plumbing, and gas must be subcontracted to a properly licensed contractor
With the exception of free standing fire pits, fireplaces, or barbeques, this classification does not allow the licensee to install, contract for, or subcontract new electrical service panels, gas or plumbing lines, blasting, covered outdoor kitchens, gazebos, room additions, swimming pools, pool deck coatings, barbeques, concrete driveways, load bearing walls, or perimeter fencing.



R-22 HOUSE MOVING
This classification allows the licensee to disconnect ~~Disconnection of utilities is permitted,~~ but connection of utilities and construction of foundations are not permitted.

R-24 ORNAMENTAL METALS
This classification allows the licensee to install, alter, or repair non-structural ornamental metal, such as:
1. Metal folding gates
2. Guard and hand rails
3. Wrought iron fencing and gates
4. Window shutters and grilles
5. Room dividers and shields
6. Metal accessories common to the industry

This classification does not allow the licensee to install fire escapes or stairs.

R-31 MASONRY
This classification allows the licensee to grout, caulk, sand blast, tuckpoint, mortar wash, parge, clean and weld reinforcing steel as required for the licensee to install and repair:
1. Masonry
2. Brick
3. Concrete block
4. Insulating concrete forms
5. Adobe units
6. Stone
7. Marble
8. Slate
9. Mortar-free masonry products

R-34 PAINTING AND WALL COVERING
This classification allows the licensee to perform surface preparation to install, apply, and repair:
1. Wallpaper
2. Wall covering cloth
3. Wall covering vinyl
4. Decorative texture
5. Paint
6. Liquid floor and wall coatings

R-36 PLASTERING
This classification allows the licensee to install laths, metal studs, metal grid systems, or other bases as required for the licensee to coat surfaces by trowel or spray with combinations of:
1. Sand mixtures (e.g. stucco)
2. Gypsum plaster
3. Cement
4. Acoustical plaster
5. Swimming pool interiors (excluding tile)

R-37 PLUMBING, INCLUDING SOLAR
This classification allows the licensee to install ~~Installation and repair of~~ water and gas piping systems, fire protection as it relates to water sprinkler systems, and sewage treatment systems. Included are all fixtures, vents, and devices common to the industry, as well as solar applications. This scope includes all ~~C-37R~~ R-37R subclassifications.

- R-37R Plumbing
- R-37R Built-in Central Vacuum Systems
- R-37R Kitchen and Bathroom Fixture Refinishing
- R-37R Swimming Pool Plumbing and Equipment
- R-37R Gas Piping
- R-37R Sewers, Drains and Pipe Laying
- R-37R Solar Plumbing Liquid Systems Only

Upon the effective date of these rules, no new applications for the R-37R Built-in Central Vacuum Systems, Kitchen and Bathroom Fixture Refinishing, Swimming Pool Plumbing and Equipment, Gas Piping, Sewers, Drains and Pipe Laying, and Solar Plumbing Liquid Systems Only license classifications will be accepted and no new R-37R licenses in these classifications will be issued.

R-38 SIGNS
This classification allows the licensee to install and repair posts, poles, supports, paint, and electrical wiring as required for the licensee to install and repair:
1. Signs
2. Displays
3. Flagpoles

R-39 AIR CONDITIONING AND REFRIGERATION, INCLUDING SOLAR
This classification allows the licensee to install ~~Installation and repair of~~ comfort air conditioning systems, including refrigeration, evaporative cooling, ventilating, and heating with or without solar equipment. Installation and repair of machinery, units, accessories, refrigerator rooms, and insulated refrigerator spaces, and controls in refrigerators.



If necessary, a new circuit may be added to the existing service panel or sub-panel. Excluded is the installation of a new service panel or sub-panel. This scope includes all ~~C-39R~~ R-39R subclassifications.

- R-39R Air Conditioning and Refrigeration
- ~~R-39R~~ R-39R Gas Refrigeration
- R-39R Temperature Control Systems
- R-39R Warm Air Heating, Evaporative Cooling and Ventilating
- R-39R Evaporative Cooling and Ventilators
- ~~R-39R~~ R-39R Pre-Coolers

Upon the effective date of these rules, no new applications for the R-39R Gas Refrigeration, Temperature Control Systems, Warm Air Heating, Evaporative Cooling and Ventilating, Evaporative Cooling and Ventilators, and Pre-Coolers license classifications will be accepted and no new R-39R licenses in these classifications will be issued.

R-40 INSULATION

This classification allows the licensee to install and repair:

1. Insulation materials, including radiant barriers
2. Preformed architectural acoustical materials
3. Insulation protecting materials

R-41 SEPTIC TANKS AND SYSTEMS

This classification allows the licensee to excavate, install and repair pipe, backfill, and compact soil as required for the licensee to install and repair:

1. Septic tanks
2. Aerobic digesters
3. Leaching fields

R-42 ROOFING

This classification allows the licensee to apply, repair, or install weatherproofing (i.e. asphaltum, pitch, tar, felt, glass fabric, flax, or other commonly used materials or systems) or roof accessories (i.e. flashing, valleys, gravel stops, or sheet metal) as required for the licensee to install and repair:

1. Roof tile
2. Shingles
3. Shakes
4. Slate
5. Metal roofing systems
6. Urethane foam
7. Roof insulation or coatings on or above the roof deck

This classification allows the licensee to replace up to 10 percent of the total roof substrate square footage as it relates to issues with substrate discovered after execution of the initial contract. Replacing more than 10 percent of the roof substrate square footage as it relates to issues with substrate discovered after execution of the initial contract requires licensee to subcontract work to a properly licensed contractor.

This classification also allows the licensee to install new or replace existing skylights where it does not require changes to the roof framing or roof structure and replace fascia not to exceed 24 linear feet.

Licensee may lift HVAC equipment to allow for proper installation of roofing material. However, the licensee must subcontract work to a properly licensed contractor if HVAC equipment ducting requires any modification to allow for proper installation of roofing material.

R-45 SHEET METAL

This classification allows the licensee to install and repair:

1. Sheet metal
2. Cornices
3. Flashings
4. Gutters
5. Leaders
6. Pans
7. Kitchen equipment
8. Duct work
9. Skylights
10. Patented chimneys
11. Metal flues
12. Metal roofing systems

R-48 CERAMIC, PLASTIC AND METAL TILE

This classification allows the licensee to prepare a surface as required for the licensee to install and repair the following tile products on horizontal and vertical surfaces:

1. Ceramic
2. Clay
3. Faience
4. Metal
5. Mosaic
6. Glass mosaic
7. Paver



- 8. Plastic
- 9. Quarry and stone tiles such as marble or slate
- 10. Terrazzo

Installation of shower doors and tub enclosures are included when a part of the original contract.

R-53 DRILLING

This classification allows the licensee to install and repair of wells, including test boring, exploratory drilling and all materials and devices common to the industry.

R-54 WATER CONDITIONING EQUIPMENT

This classification allows the licensee to perform trenching, backfilling, and grading; and install and repair piping, fittings, valves, concrete supports, and electrical control panels of less than 25 volts and required grounding devices; as required for the licensee to install and repair:

- 1. Water conditioning equipment
- 2. Misting systems
- 3. Exchange tanks
- 4. Indirect waste pipe carrying brine, backwash and rinse water to the point of disposal

R-56 WELDING

This classification allows the licensee to weld metals.

R-57 WRECKING

This classification allows the licensee to install and repair temporary ramps, barricades, and pedestrian walkways as required for the licensee to demolish, dismantle, or remove structures not intended for reuse.

This classification does not allow the licensee to use explosives.

R-60 FINISH CARPENTRY

This classification allows the licensee to install and repair millwork such as:

- 1. Cabinets
- 2. Counter tops
- 3. Case sash
- 4. Door trim
- 5. Metal doors
- 6. Automatic door closers
- 7. Wood flooring

R-61 CARPENTRY, REMODELING AND REPAIRS

For projects of \$50,000 or less including labor and materials, this classification allows the licensee to perform all general remodeling, additions, replacements, and repairs to existing structures.

Work related to electrical, plumbing, air conditioning systems, and boilers must be subcontracted to an appropriately licensed contractor.

R-62 MINOR HOME IMPROVEMENTS

For projects of \$5,000 or less including labor and materials, this classification allows the licensee to perform remodeling, repairs, and improvements to existing structures or appurtenances not to exceed \$5,000 for labor and materials per project per dwelling or appurtenance. The minor home improvement contractor shall not perform structural work to any existing structures or appurtenances, including load bearing masonry or concrete work (with the exception of on-grade flat work), and load bearing carpentry work (with the exception of patio or porch covers). All electrical, plumbing, air conditioning, heating, boiler, and roofing work shall be performed by an appropriately licensed contractor.

Any work related to electrical, plumbing, air conditioning systems, and boilers must be subcontracted to an appropriately licensed contractor.

R-63 APPLIANCES

This classification allows the licensee to install and repair appliances.

This classification does not allow the licensee to install or repair gas, electrical, or plumbing lines.

R-65 GLAZING

This classification allows the licensee to install and repair weatherproofing, caulking, sealants, and adhesives as required for the licensee to assemble, install and repair:

- 1. Glass products
- 2. Window film
- 3. Window treatments, such as blinds or shutters
- 4. Steel and aluminum glass holding members

R-67 LOW VOLTAGE COMMUNICATION SYSTEMS

This classification allows the licensee to build antenna towers on existing structures as required for the licensee to install, service and repair:

- 1. Alarm systems
- 2. Telephone systems
- 3. Sound systems
- 4. Intercommunication systems
- 5. Public addressing systems
- 6. Television or video systems
- 7. Low voltage signaling devices
- 8. Low voltage landscape lighting that does not exceed 91 volts
- 9. Master and program clocks (only low voltage wiring and needed equipment)



- R-70 REINFORCING BAR AND WIRE MESH
This classification allows the licensee to install and repair:
 1. Reinforcing bar
 2. Post-tension
 3. Wire mesh

R4-9-104. Dual Contractor License Classifications and Scopes of Work

A. Dual license contracting classifications. License classifications for dual contractors are as follows:

GENERAL DUAL ENGINEERING CONTRACTING

- KA- No change
- KA-5 No change
- KA-6 No change
- KE- (As restricted by Registrar)

GENERAL DUAL LICENSE CONTRACTING

- KB-1 No change
- KB-2 No change
- KO- No change

SPECIALTY DUAL LICENSE CONTRACTING

- CR-1 No change
- CR-2 No change
- CR-3 No change
- CR-4 No change
- CR-5 No change
- CR-6 No change
- CR-7 No change
- CR-8 No change
- CR-9 No change
- CR-10 No change
- CR-11 No change
- CR-12 No change
- CR-14 No change
- CR-15 No change
- CR-16 No change
- CR-17 No change
- CR-21 Landscaping Hardscaping and Irrigation Systems
- CR-24 No change
- CR-29 No change
- CR-31 No change
- CR-34 No change
- CR-36 No change
- CR-37 No change
- CR-38 No change
- CR-39 No change
- CR-40 No change
- CR-41 No change
- CR-42 No change
- CR-45 No change
- CR-48 No change
- CR-53 No change
- CR-54 No change
- CR-56 No change
- CR-57 No change
- CR-58 No change
- CR-60 No change
- CR-61 No change
- ~~CR-62 Reinforcing Bar and Wire Mesh~~
- CR-63 No change
- CR-65 No change
- CR-66 No change
- CR-67 No change
- CR-69 No change
- CR-70 Reinforcing Bar and Wire Mesh
- CR-74 No change
- CR-77 No change
- CR-78 No change
- CR-79 No change
- CR-80 No change



- B. Dual license contracting scopes. The scope of work which may be done under the dual license contracting classifications allow a contractor to combine commercial and residential contracting licenses in one license. These classifications are as follows:
 - KA- DUAL ENGINEERING
This classification allows the ~~scopes~~ scope of work permitted by the commercial A- General Engineering and the B-4 General Residential Engineering licenses.
 - KA-5 DUAL SWIMMING POOL CONTRACTOR
This classification allows the ~~scopes~~ scope of work permitted by the commercial A-9 Swimming Pools and the residential B-5 General Swimming Pool licenses.
 - KA-6 DUAL SWIMMING POOL CONTRACTOR, INCLUDING SOLAR
This classification allows the ~~scopes~~ scope of work permitted by the commercial A-19 Swimming Pools, Including Solar and the residential B-6 General Swimming Pools, Including Solar licenses.
 - KE- (AS RESTRICTED BY REGISTRAR)
No change
 - KB-1 DUAL BUILDING CONTRACTOR
This classification allows the ~~scopes~~ scope of work permitted by the B-1 General Commercial Contractor and the B- General Residential Contractor licenses.
 - KB-2 DUAL RESIDENTIAL AND SMALL COMMERCIAL
This classification allows the ~~scopes~~ scope of work permitted by the B-2 General Small Commercial and the B- General Residential Contractor licenses.
 - KO- (AS RESTRICTED BY REGISTRAR)
No change
 - CR-1 ACOUSTICAL SYSTEMS
~~This classification allows the licensee to install or repair pre-manufactured acoustical ceiling and wall systems. This classification does not allow the licensee to install or repair electrical or mechanical systems.~~
This classification allows the scopes of work permitted by the commercial C-1 Acoustical Systems and the residential R-1 Acoustical Systems licenses.
 - CR-2 EXCAVATING, GRADING AND OIL SURFACING
This classification allows the ~~scopes~~ scope of work permitted by the commercial A-5 Excavating, Grading, and Oil Surfacing and the residential R-2 Excavating, Grading, and Oil Surfacing licenses.
 - CR-3 AWNINGS, CANOPIES, CARPORTS AND PATIO COVERS
~~This classification allows the licensee to place concrete footings and concrete slabs as required for the licensee to install or repair:~~
 - ~~1. Window awnings~~
 - ~~2. Door hoods~~
 - ~~3. Freestanding or attached canopies~~
 - ~~4. Carport and patio covers constructed of metal, fabric, fiberglass, or plastic~~
 - ~~5. Screened and paneled enclosures, which are not intended for use as habitable spaces, using metal panels, plastic inserts, and screen doors. A minimum of 60% of the wall area of an enclosure shall be constructed of screening material.~~
 - ~~6. Fascia panels~~
 - ~~7. Flashing and skirting~~
 - ~~8. Exterior, detached metal storage units~~This classification does not allow the licensee to install or repair electrical, plumbing, or air conditioning systems. This classification allows the scopes of work permitted by the commercial C-3 Awnings, Canopies, Carports and Patio Covers and the residential R-3 Awnings, Canopies, Carports and Patio Covers licenses.
 - CR-4 BOILERS, STEAMFITTING AND PROCESS PIPING
This classification allows the ~~scopes~~ scope of work permitted by the commercial C-4 Boilers, Steamfitting and Process Piping and the residential ~~R-4 Boilers~~ R-4 Boilers, Steamfitting and Process Piping licenses.
 - CR-5 (AS RESTRICTED BY REGISTRAR)
No change
 - CR-6 SWIMMING POOL SERVICE AND REPAIR
This classification allows the ~~scopes~~ scope of work permitted by the commercial C-6 Swimming Pool Service and Repair and the residential R-6 Swimming Pool Service and Repair licenses.
 - CR-7 CARPENTRY
~~This classification allows the licensee to install or repair:~~
 - ~~1. Rough carpentry~~
 - ~~2. Finish carpentry~~
 - ~~3. Hardware~~
 - ~~4. Millwork~~
 - ~~5. Metal studs~~
 - ~~6. Metal doors or door frames~~This classification allows the scopes of work permitted by the commercial C-7 Carpentry and the residential R-7 Carpentry licenses.
 - CR-8 FLOOR COVERING
~~This classification allows the licensee to prepare a surface as required for the licensee to install or repair the following floor covering materials:-~~



- 1. Carpet
- 2. Floor tile
- 3. Wood
- 4. Linoleum
- 5. Vinyl
- 6. Asphalt
- 7. Rubber
- 8. Concrete coatings

This classification allows the scopes of work permitted by the commercial C-8 Floor Covering and the residential R-8 Floor Covering licenses.

CR-9 CONCRETE

This classification allows the ~~scopes~~ ~~scope~~ of work permitted by the commercial C-9 Concrete and the residential R-9 Concrete licenses.

CR-10 DRYWALL

~~This classification allows the licensee to install or repair:~~

- 1. Gypsum wall board
- 2. Ceiling grid systems as supporting members for gypsum drywall
- 3. Movable partitions
- 4. Wall board tape and texture
- 5. Non-load bearing, lightweight, steel wall partitions

This classification allows the scopes of work permitted by the commercial C-10 Drywall and the residential R-10 Drywall licenses.

CR-11 ELECTRICAL

This classification allows the ~~scopes~~ ~~scope~~ of work permitted by the commercial C-11 Electrical and residential R-11 Electrical licenses.

CR-12 ELEVATORS

~~This classification allows the licensee to install or repair:~~

- 1. Elevators
- 2. Dumbwaiters
- 3. Escalators
- 4. Moving walks and ramps
- 5. Stage and orchestra lifts

This classification allows the scopes of work permitted by the commercial C-12 Elevators and the residential R-12 Elevators licenses.

CR-14 FENCING

~~This classification allows the licensee to install or repair:~~

- 1. Metal, wood, and cement block fencing
- 2. Automatic gates
- 3. Fire access strobes
- 4. Highway guard rails
- 5. Cattle guards
- 6. Low voltage U.L. approved electrical fence protective devices of less than 25 volts and 100 watts

~~This classification does not allow the licensee to install or repair retaining walls.~~

This classification allows the scopes of work permitted by the commercial C-14 Fencing and the residential R-14 Fencing licenses.

CR-15 BLASTING

~~This classification allows the licensee to drill, bore, move earth, and build temporary shelters or barricades, as required for the licensee's use of explosives and explosive devices for:~~

- 1. Excavation
- 2. Demolition
- 3. Geological exploration
- 4. Mining
- 5. Construction related blasting

This classification allows the scopes of work permitted by the commercial C-15 Blasting and the residential R-15 Blasting licenses.

CR-16 FIRE PROTECTION SYSTEMS

This classification allows the ~~scopes~~ ~~scope~~ of work permitted by the commercial C-16 Fire Protection Systems and the residential R-16 Fire Protection licenses.

CR-17 STEEL AND ALUMINUM ERECTION

This classification allows the ~~scopes~~ ~~scope~~ of work permitted by the commercial A-11 Steel and Aluminum Erection and the residential R-17 Structural Steel and Aluminum licenses.

CR-21 LANDSCAPING HARDSCAPING AND IRRIGATION SYSTEMS

~~This classification allows the licensee to treat, condition, prepare, and install:~~

- 1. Topsoil
- 2. Plants and decorative vegetation
- 3. Non-loadbearing concrete
- 4. Uncovered patios, walkways, driveways made of brick, stone, pavers or gravel



- 5. ~~Wooden decks no higher than 29 inches above finish grade~~
- 6. ~~Decorative garden walls up to six feet from finish grade~~
- 7. ~~Fences and screens up to six feet from finish grade~~
- 8. ~~Retaining walls up to three feet from the finish grade of the lower elevation~~
- 9. ~~Wood burning fire pit no higher than 16 inches above finish grade~~
- 10. ~~Low voltage landscape lighting~~
- 11. ~~Water features that are not attached to swimming pools; including any necessary: electrical wiring of 120 volts or less, connection to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or grading~~
- 12. ~~Irrigation systems, including any necessary: electrical wiring of 120 volts or less, connection to potable water lines, backflow prevention devices, hose bibs, excavating, trenching, boring, backfilling, or grading~~

~~This classification does not allow the licensee to install, contract for, or subcontract new electrical service panels, gas or plumbing lines, blasting, outdoor kitchens, gazebos, room additions, swimming pools, pool deck coatings, barbecues, concrete driveways, load bearing walls, or perimeter fencing.~~

This classification allows the scopes of work permitted by the commercial C-21 Hardscaping and Irrigation Systems and the residential R-21 Hardscaping and Irrigation Systems licenses.

Upon the effective date of these rules, existing CR-21 Landscaping and Irrigation Systems licenses will be reclassified as CR-21 Hardscaping and Irrigation Systems.

CR-24 ORNAMENTAL METALS

This classification allows the licensee to fabricate, install, or repair non-structural ornamental metal, such as:

- 1. ~~Metal folding gates~~
- 2. ~~Guard and hand rails~~
- 3. ~~Wrought iron fencing and gates~~
- 4. ~~Window shutters and grilles~~
- 5. ~~Room dividers and shields~~
- 6. ~~Metal accessories common to the industry~~

~~This classification does not allow the licensee to install fire escapes and stairs.~~

This classification allows the scopes of work permitted by the commercial C-24 Ornamental Metals and the residential R-24 Ornamental Metals licenses.

CR-29 MACHINERY (AS RESTRICTED BY THE REGISTRAR)

CR-31 MASONRY

This classification allows the licensee to grout, caulk, sand blast, tuckpoint, mortar wash, parge, clean and weld reinforcing steel as required for the licensee to install or repair:

- 1. ~~Masonry~~
- 2. ~~Brick~~
- 3. ~~Concrete block~~
- 4. ~~Insulating concrete forms~~
- 5. ~~Adobe units~~
- 6. ~~Stone~~
- 7. ~~Marble~~
- 8. ~~Slate~~
- 9. ~~Mortar-free masonry products~~

This classification allows the scopes of work permitted by the commercial C-31 Masonry and the residential R-31 Masonry licenses.

CR-34 PAINTING AND WALL COVERING

This classification allows the licensee to perform surface preparation, caulking, drywall patching, drywall taping, sanding, and cleaning as required for the licensee to install, apply or repair:

- 1. ~~Wallpaper~~
- 2. ~~Wall covering cloth~~
- 3. ~~Wall covering vinyl~~
- 4. ~~Decorative texture~~
- 5. ~~Paint~~

This classification allows the scopes of work permitted by the commercial C-34 Painting and Wall Covering and the residential R-34 Painting and Wall Covering licenses.

CR-36 PLASTERING

This classification allows the licensee to install laths, metal studs, metal grid systems, or other bases as required for the licensee to coat surfaces by trowel or spray with combinations of:

- 1. ~~Sand mixtures (e.g. stucco)~~
- 2. ~~Gypsum plaster~~
- 3. ~~Cement~~
- 4. ~~Acoustical plaster~~
- 5. ~~Swimming pool interiors (excluding tile)~~

This classification allows the scopes of work permitted by the commercial C-36 Plastering and the residential R-36 Plastering licenses.

CR-37 PLUMBING

This classification allows the scopes ~~scope~~ of work permitted by the commercial C-37 Plumbing and the residential R-37R Plumbing licenses.



- CR-38 SIGNS
This classification allows the licensee to install or repair posts, poles, supports, paint, and electrical wiring as required for the licensee to fabricate, install or repair:
1. Signs
 2. Displays
 3. Flagpoles
- This classification allows the scopes of work permitted by the commercial C-38 Signs and the residential R-38 Signs licenses.
- CR-39 AIR CONDITIONING AND REFRIGERATION
This classification allows the ~~scopes~~ scope of work permitted by the commercial C-39 Air Conditioning and Refrigeration and the residential R-39R Air Conditioning and Refrigeration licenses.
- CR-40 INSULATION
This classification allows the licensee to install supports, fastening systems, adhesives, mastics, or plastics as required for the licensee to install or repair:
1. Insulation materials
 2. Preformed architectural acoustical materials
 3. Insulation protecting materials
- This classification allows the scopes of work permitted by the commercial C-40 Insulation and the residential R-40 Insulation licenses.
- CR-41 SEPTIC TANKS AND SYSTEMS
This classification allows the licensee to excavate, install or repair pipe, backfill, and compact soil as required for the licensee to install or repair:
1. Septic tanks
 2. Aerobic digesters
 3. Leaching fields
- This classification allows the scopes of work permitted by the commercial C-56 Welding and the residential R-56 Welding licenses.
- CR-42 ROOFING
This classification allows the licensee to apply or install weatherproofing (i.e. asphaltum, pitch, tar, felt, glass fabric, or flax) or roof accessories (i.e. flashing, valleys, gravel stops, or sheet metal) as required for the licensee to install or repair:
1. Roof tile
 2. Shingles
 3. Shakes
 4. Slate
 5. Metal roofing systems
 6. Urethane foam
 7. Roof insulation or coatings on or above the roof deck
- This classification allows the licensee to replace up to three sheets (96 square feet) of plywood on the roof substrate; and install new or replace existing skylights where it does not require changes to the roof framing or roof structure.
This classification allows the scopes of work permitted by the commercial C-42 Roofing and the residential R-42 Roofing licenses.
- CR-45 SHEET METAL
This classification allows the licensee to cut, fabricate, install or repair:
1. Sheet metal
 2. Cornices
 3. Flashings
 4. Gutters
 5. Leaders
 6. Pans
 7. Kitchen equipment
 8. Duct work
 9. Skylights
 10. Patented chimneys
 11. Metal flues
 12. Metal roofing systems
- This classification allows the scopes of work permitted by the commercial C-45 Sheet Metal and the residential R-45 Sheet Metal licenses.
- CR-48 CERAMIC, PLASTIC AND METAL TILE
This classification allows the licensee to prepare a surface as required for the licensee to install or repair the following tile products on horizontal and vertical surfaces:
1. Ceramic
 2. Clay
 3. Faience
 4. Metal
 5. Mosaic
 6. Glass mosaic
 7. Paver



- 8. Plastic
- 9. Quarry
- 10. Stone tiles such as marble or slate
- 11. Terrazzo

~~Installation of shower doors and tub enclosures are included when a part of the original contract.~~

This classification allows the scopes of work permitted by the commercial C-48 Ceramic, Plastic and Metal Tile and the residential R-48 Ceramic, Plastic and Metal Tile licenses.

CR-53 WATER WELL DRILLING

This classification allows the ~~scopes scope~~ of work permitted by the commercial C-53 Water Well Drilling and the residential R-53 Drilling licenses.

CR-54 WATER CONDITIONING EQUIPMENT

~~This classification allows the licensee to perform trenching, backfilling, and grading; and install and repair piping, fittings, valves, concrete supports, and electrical control panels of less than 25 volts and required grounding devices; as required for the licensee to install or repair:~~

- 1. Water conditioning equipment
- 2. Misting systems
- 3. Exchange tanks
- 4. Indirect waste pipe carrying brine, backwash and rinse water to the point of disposal

This classification allows the scopes of work permitted by the commercial C-54 Water Conditioning Equipment and the residential R-54 Water Conditioning Equipment licenses.

CR-56 WELDING

~~This classification allows the licensee to weld metals.~~

This classification allows the scopes of work permitted by the commercial C-56 Welding and the residential R-56 Welding licenses.

CR-57 WRECKING

~~This classification allows the licensee to install or repair temporary ramps, barricades, and pedestrian walkways as required for the licensee to demolish, dismantle, or remove structures not intended for reuse. This classification does not allow the licensee to use explosives.~~

This classification allows the scopes of work permitted by the commercial C-57 Wrecking and the residential R-57 Wrecking licenses.

CR-58 COMFORT HEATING, VENTILATING, EVAPORATIVE COOLING

This classification allows the ~~scopes scope~~ of work permitted by the commercial C-58 Comfort Heating, Ventilating, Evaporative Cooling and the residential R-39R Warm Air Heating, Evaporative Cooling, and Ventilating licenses.

CR-60 FINISH CARPENTRY

~~This classification allows the licensee to install or repair millwork such as:-~~

- 1. Cabinets
- 2. Counter tops
- 3. Case sash
- 4. Door trim
- 5. Metal doors
- 6. Automatic door closers
- 7. Wood flooring

This classification allows the scopes of work permitted by the commercial C-60 Finish Carpentry and the residential R-60 Finish Carpentry licenses.

CR-61 CARPENTRY, REMODELING AND REPAIRS

~~For projects of \$50,000 or less, this classification allows the licensee, on existing structures, to install or repair:-~~

- 1. Rough carpentry
- 2. Finish carpentry
- 3. Roofing
- 4. Hardware
- 5. Millwork
- 6. Metal studs
- 7. Metal doors or door frames

~~Work related to electrical, plumbing, air conditioning systems, boilers, swimming pools, spas and water wells must be sub-contracted to an appropriately licensed contractor.~~

This classification allows the scopes of work permitted by the commercial C-61 Carpentry, remodeling and Repairs and the residential R-61 Carpentry, remodeling and Repairs licenses.

CR-62 REINFORCING BAR AND WIRE MESH

~~This classification allows the licensee to install or repair:~~

- 1. Reinforcing bar
- 2. Post tension
- 3. Wire mesh

Upon the effective date of these rules, no new applications for the CR-62 Reinforcing Bar and Wire Mesh license classifications will be accepted, no new CR-62 licenses will be issued, and existing CR-62 licenses will be reclassified as CR-70 Reinforcing Bar and Wire Mesh.

CR-63 APPLIANCES



This classification allows the licensee to install and repair appliances. This classification does not allow the licensee to install or repair gas, electrical, or plumbing lines.

This classification allows the scopes of work permitted by the commercial C-63 Appliances and the residential R-63 Appliances licenses.

CR-65 GLAZING

This classification allows the licensee to install or repair weatherproofing, caulking, sealants, and adhesives as required for the licensee to assemble, install or repair:

1. Glass products
2. Window film
3. Window treatments
4. Steel and aluminum glass holding members

This classification allows the scopes of work permitted by the commercial C-65 Glazing and the residential R-65 Glazing licenses.

CR-66 SEAL COATING

This classification allows the ~~scopes~~ scope of work permitted by the commercial A-15 Seal Coating and the residential R-13 Asphalt Paving licenses.

CR-67 LOW VOLTAGE COMMUNICATION SYSTEMS

This classification allows the licensee to build antenna towers on existing structures as required for the licensee to install, service or repair:

1. Alarm systems
2. Telephone systems
3. Sound systems
4. Interecommunication systems
5. Public addressing systems
6. Television or video systems
7. Low voltage signaling devices
8. Low voltage landscape lighting that does not exceed 91 volts
9. Master and program clocks (only low voltage wiring and needed equipment)

This classification allows the scopes of work permitted by the commercial C-67 Low Voltage Communication Systems and the residential R-67 Low Voltage Communication Systems licenses.

CR-69 ASPHALT PAVING

This classification allows the ~~scopes~~ scope of work permitted by the commercial A-14 Asphalt Paving and the residential R-13 Asphalt Paving licenses.

CR-70 REINFORCING BAR AND WIRE MESH

This classification allows the scope of work permitted by the commercial C-70 Reinforcing Bar and Wire Mesh and the residential R-70 Reinforcing Bar and Wire Mesh licenses.

CR-74 BOILERS, STEAMFITTING AND PROCESS

PIPING, INCLUDING SOLAR

This classification allows the ~~scopes~~ scope of work permitted by the commercial C-74 Boilers, Steamfitting and Process Piping, Including Solar and the residential R-4 Boilers Including Solar licenses.

CR-77 PLUMBING INCLUDING SOLAR

This classification allows the ~~scopes~~ scope of work permitted by the commercial C-77 Plumbing Including Solar and the residential R-37 Plumbing, Including Solar licenses.

CR-78 SOLAR PLUMBING LIQUID SYSTEMS ONLY

This classification allows the ~~scopes~~ scope of work permitted by the commercial C-78 Solar Plumbing Liquid Systems Only and the residential R-37R Solar Plumbing Liquid Systems Only licenses.

CR-79 AIR CONDITIONING AND REFRIGERATION

INCLUDING SOLAR

This classification allows the ~~scopes~~ scope of work permitted by the commercial C-79 Air Conditioning and Refrigeration Including Solar and the residential R-39 Air Conditioning and Refrigeration Including Solar licenses.

CR-80 SEWERS, DRAINS AND PIPE LAYING

This classification allows the ~~scopes~~ scope of work permitted by the commercial A-12 Sewers, Drains, and Pipe Laying and the residential R-37R Sewers, Drains and Pipe Laying licenses.

R4-9-106. Examinations

- A.** Examinations are given weekly or more often as prescribed by the Registrar or the contracted vendor.
- B.** The applicant's qualifying party must take and pass the appropriate examination with a passing grade of at least 70% for each examination taken.
- C.** A person is allowed to retake a failed examination subject to the following limitations:
 1. Waiting 30 calendar days after a first failed attempt;
 2. Waiting 30 calendar days after a second failed attempt; and
 3. Waiting 180 calendar days after the third and any subsequent failed attempts.
- D.** Pursuant to A.R.S. §§ 32-1122(A)(4) and 32-1122(F) the Registrar may decide a trade exam is not required where the qualifying party has been the qualifying party within the preceding five years for a license in good standing in the same classification in this state, or a classification the Registrar deems comparable in another state.
- A.** Definitions.



- 1. Business Management Examination. The term “business management examination” means the examination required in A.R.S. § 32-1122(E)(2) addressing the qualifying party’s general knowledge of the contracting business in Arizona. The business management examination addresses the qualifying party’s general knowledge of:
 - a. The building, safety, health, and lien laws of the state;
 - b. Administrative principles of the contracting business;
 - c. The rules adopted by the Registrar; and
 - d. Any other matters deemed appropriate by the Registrar to determine that the qualifying party meets the requirements of Chapter 10, Title 32.
- 2. Trade Examination. The term “trade examination” means the examination required in A.R.S. § 32-1122(E)(2) addressing the qualifying party’s knowledge of the particular kind of work performed in the license classification. The trade examination addresses the qualifying party’s:
 - a. Qualification in the kind of work for which the applicant proposes to contract;
 - b. Knowledge and understanding of construction plans and specifications applicable to the particular industry or craft;
 - c. Knowledge and understanding of the standards of construction work and techniques and practices in the particular industry or craft;
 - d. General understanding of other related construction trades; and
 - e. Any other matters deemed appropriate by the Registrar to determine that the qualifying party meets the requirements of Chapter 10, Title 32.
- B.** Frequency of Examinations. The Registrar, or a contracted private testing service, must administer business examinations and trade examinations at least once a week.
- C.** Passing Grade. On each required examination, the qualifying party must receive a grade of at least 70%.
- D.** Retaking Examinations after Failure. If the qualifying party fails to receive a grade of at least 70% on an examination, the qualifying party may retake the examination only after waiting:
 - 1. 30 calendar days from the first failure;
 - 2. 30 calendar days from the second failure; and
 - 3. 180 days from any other failure.
- E.** Waiver of the Trade Examination Requirement in A.R.S. § 32-1122.
 - 1. Waiver of Examination Requirement for a Qualifying Party from Another State.
 - a. Authority for Waiver. In addition to the Registrar’s authority in A.R.S. § 32-1122(E) to waive the examination requirement for a qualifying party in this state, the Registrar may waive the trade examination requirement for the qualifying party for a licensee in another state.
 - b. Conditions for Waiver. The Registrar may waive the trade examination requirement if records reflect that the qualifying party is currently or has previously been a qualifying party for a licensee in the other state in the same classification, or in a comparable classification, within the preceding five years.
 - 2. Extent of Waiver of Trade Examination Requirement for Any Qualifying Party. Waiver of Trade Examination Permitted. The Registrar may waive the trade examination requirement with respect to the trade examination if:
 - a. A qualifying party for a license in this state meets the conditions for waiver in A.R.S. § 32-1122(E); or
 - b. A qualifying party for a license in another state meets the conditions for waiver in Section (E)(1) of this Rule.

R4-9-108. Minimum Construction Workmanship Standards

- A.** A contractor shall perform all work in a professional and workmanlike manner.
- B.** A contractor shall perform all work in accordance with any applicable building codes and professional industry standards. For work to be performed in accordance with professional industry standards, a contractor shall use such skills, prudence, and diligence in performing and completing tasks undertaken that the completed work meets the standards of a similarly licensed contractor possessing ordinary skill and capacity.
- C.** All work performed by a contractor in a county, city, or town that has not adopted building codes or where any adopted building codes do not contain specific provisions applicable to that aspect of construction work shall be performed in accordance with professional industry standards.

R4-9-109. Name of Licensee or Applicant

- ~~**A.** A licensee shall do business under the name on the license issued and ensure that the same name is used on the license bond.~~
- ~~**B.** If a corporation is doing business in the name of a division or using a trade name, the corporation shall ensure that all names are shown on any application.~~
- ~~**C.** If applying for a license or a name change, a corporation shall submit written evidence that it is in good standing or that the new name has been filed with the Arizona Corporation Commission.~~
- ~~**D.** The Registrar shall grant a request for name change if there is No change in the legal entity, the name is available, and the request is submitted in writing, together with the required license fee and a cash deposit or bond rider that reflects the name change.~~
- ~~**E.** The Registrar may elect to reject an application, refuse to issue a license, or deny the name change of an existing license, based on a review of whether the proposed name is identical or so similar to that of an existing licensee or license applicant that it may cause confusion.~~
- ~~**F.** The Registrar shall not accept an application or issue a license if it contains the name of a building trade or craft for which the contractor is not qualified.~~

A. Definitions.

- 1. Official Name of Record. The term “official name of record” means either:
 - a. The name of the licensee on file at the Arizona Corporation Commission, if the licensee is a corporation or a limited liability company;
 - b. The name of the licensee on file at the Secretary of State’s Office, if the licensee is a partnership; or



- c. The name of the licensee on a government-issued identification card, if the licensee is an individual operating as a sole proprietorship.
2. Trade Name and DBA. The terms “trade name” and “DBA” each mean the name in which the licensee actually does business as a contractor.
- B. General Rules about the Licensee’s Name.**
1. Names on a License. On any license issued by the Registrar, the Registrar must include:
- The licensee’s official name of record, and
 - Any trade name used with that license.
2. Name on the Bond. Every name on the licensee’s license must be on the license bond exactly as it appears on the license.
3. Licensee’s Name and the License Scope. Neither a licensee’s official name of record nor its trade name may include, reference, or suggest a scope of work that is not included in the scope of the license issued by the Registrar. This prohibition does not apply if:
- The licensee holds a separate license with a scope that is included, referenced, or suggested by the licensee’s name; or
 - The licensee:
 - Does not use the official name of record to do business as a contractor, and
 - Uses instead a trade name that does not include, reference, or suggest a scope of work that is not included in the scope of the license.
4. Conducting Business Using a Name on the License. Any time a licensee conducts business in Arizona as a contractor, the licensee must conduct that business using either the official name of record or the trade name on the license issued by the Registrar.
- C. Rules about the Licensee’s Name at the Time of a License Application.**
1. Evidence of Official Name of Record. When applying for a license, the applicant must provide the Registrar with satisfactory evidence of the applicant’s official name of record.
2. Applicant’s Name as Basis for Denial. The Registrar may deny an application for a license if:
- The issued license would violate this Rule; or
 - Conducting business as a contractor using any name on the license would, under A.R.S. § 32-1154(A)(15), constitute any false, misleading, or deceptive advertising whereby any member of the public may be misled and injured.
- D. Rules about the Licensee’s Request to Change Its Name on a License.** If a licensee requests in writing that the Registrar change one or more names on a license, the Registrar must grant the request if:
- There has been No change in the legal form of the licensee;
 - There has been No change in the ownership of the licensee;
 - The licensee provides a bond rider;
 - Every requested name is printed on the bond rider exactly;
 - The licensee provides the fee for the name change; and
 - The requested name does not violate this Rule or any provision in Chapter 10, Title 32.
- R4-9-111. Repealed Opting Out of Dual License Classifications**
- A.** Unless prohibited by another rule, if a contractor holds a dual license, then that contractor may, at the time of the license’s renewal, choose:
- To retain the dual license;
 - To designate the license as commercial; or
 - To designate the license as residential.
- B.** If a license is designated as either commercial or residential under this Rule, that designation is permanent.
- R4-9-113. Application Process**
- A.** In accordance with the provisions of A.R.S. § 32-1122 an applicant for licensure shall submit a verified application on form prescribed by the Registrar of Contractors.
- B.** For the purposes of A.R.S. § 41-1073, the Registrar establishes the following time frames for the issuance of a contractor license:
- Administrative completeness review time frame: 40 calendar days
 - Substantive review time frame: 20 calendar days
 - Overall agency time frame: 60 calendar days
- C.** During the administrative completeness review time frame the Registrar shall review an application for administrative completeness and either issue the license or mail a written notice of completeness or deficiencies within 40 days from the date of receipt. If deficiencies are found in the application, the Registrar shall mail the applicant a written notice containing a comprehensive list of the specific deficiencies. The 40 day time frame for the Registrar to finish the review for completeness shall be suspended from the date the notice of deficiencies is mailed until the Registrar receives all requested information.
- D.** During the substantive review time frame the Registrar shall complete a substantive review of the applicant’s qualifications and grant, deny, or mail a final comprehensive notice of deficiencies within 20 days after expiration of the administrative completeness review time frame.
- If the Registrar finds deficiencies during the substantive review of the application, the Registrar shall mail one final comprehensive request for additional information to the applicant. The 20 day time frame for the Registrar to finish the substantive review shall be suspended from the date the request for additional information is mailed until the Registrar receives all requested information.
- E.** Compliance with the administrative completeness review, substantive review and overall time frames:
- By mutual agreement, an applicant and the Registrar may agree to extend the substantive review and overall time frames by 15 calendar days.
 - The Registrar may return an application if it does not receive the information it requests during the administrative completeness review or substantive review periods within 30 calendar days from the date the registrar mailed the request for additional infor-



mation. The return of a license application shall result in the forfeiture of the application fee, but all other license fees shall be returned to the applicant. An applicant shall pay an application fee each time it submits a returned license application.

- ~~F. For the purpose of this Section, 1st-class mail sent to the address on the application shall serve as legal notice.~~
- ~~G. In computing any period of time prescribed or allowed by this Section, the day of the act, event or default from which the designated period of time begins to run shall not be included. The last day of the period so computed shall be included, unless it is a Saturday, a Sunday, or a legal holiday, in which event the period runs until the end of the next day which is not a Saturday, a Sunday, or a legal holiday.~~
- ~~H. Notwithstanding any provisions of this Section the applicant may apply to the Registrar in writing to withdraw a license application. The withdrawal of a license application shall result in the forfeiture of the application processing fee, but all other license fees shall be returned to the applicant.~~
- A. Time Frames for New Licenses.**
 - 1. Overall Time Frame for Issuing New Licenses. When deciding whether to grant or deny a new contractor’s license, the Registrar must operate within an overall time frame of 60 calendar days.
 - 2. Administrative Completeness Review Time Frame. During the overall time frame of 60 calendar days, the Registrar must perform the administrative completeness review within 20 days.
 - 3. Substantive Review Time Frame. During the overall time frame of 60 calendar days, the Registrar must perform the substantive review within 40 days.
- B. Return of License Application.**
 - 1. Registrar’s Right to Return Application. The Registrar may return an application if the Registrar:
 - a. Issues either:
 - i. A written notice of deficiencies under A.R.S. § 41-1074; or
 - ii. A comprehensive written request for additional information under A.R.S. § 41-1075; and
 - b. Does not receive within 30 calendar days information sufficiently responsive to either the notice or the request.
 - 2. Consequences for Fees. If the Registrar returns an application, then:
 - a. The applicant forfeits the application fee; but
 - b. The Registrar must return all other license fees.
 - 3. Resubmission Requires New Fee. If the applicant resubmits a license application that has been returned, then the applicant must pay a new application fee.
- C. Withdrawal of the License Application.**
 - 1. Applicant’s Right to Withdraw. An applicant may withdraw its license application at any time.
 - 2. Written Request. The applicant’s request for withdrawal must be in writing.
 - 3. Consequences for Fees. If the applicant withdraws its application, then:
 - a. The applicant forfeits the application fee; but
 - b. The Registrar must return all other license fees.

R4-9-115. Posting

- ~~A. The Registrar shall not issue a license until expiration of the posting period in A.R.S. § 32-1104(C).~~
- ~~B. The Registrar may waive part of the posting period for applicants and personnel of applicants who have previously undergone the 20-day posting period.~~
- ~~C. The Registrar may increase the posting period beyond 20 days, but no more than 60 days for applicants who have been on a license that was disciplined.~~
- ~~D. Posting shall be done on the Registrar’s web site.~~
- A. Expiration of Posting Period.** The Registrar cannot issue a license until the posting period required by A.R.S. § 32-1104(C) expires, unless the Registrar waives the requirement as provided in that statute or in this Rule.
- B. Additional Waiver.** In addition to the waiver permitted in A.R.S. § 32-1104(C) for the applicant and the qualifying party, the Registrar may also waive part of the posting period if all other personnel named on the application for the license have previously been posted for some other license.
- C. Website Publication.** The Registrar may satisfy the posting requirement in A.R.S. § 32-1104(C) by publication on the Registrar’s website.

R4-9-117. Prior Record

In any disciplinary proceeding the Administrative Law Judge and the Registrar may consider the licensee’s entire license file including the record of prior warning letters, complaints, cease and desist orders, citations and final administrative decisions or orders, or both. In determining the appropriate discipline for a licensed contractor, the Administrative Law Judge and the Registrar may consider not only facts in the current case, but also facts in prior cases and any documents regarding the contractor on file with the Registrar.

R4-9-118. Reserved Prehearing Disclosure Requirement

- A. Disclosure Statement.** Before the hearing, a party must prepare a disclosure statement. The disclosure statement must contain:
 - 1. A list of all the witnesses the party will call to testify, including the witnesses’ contact information and a brief description of the subject matter of the witnesses’ expected testimony; and
 - 2. A list of all the exhibits that the party will use at the hearing.
- B. Exchanging Disclosure Statements and Exhibits.**
 - 1. Contents. A party to the hearing must serve on every other party and file with the Office of Administrative Hearings a copy of:
 - a. The disclosure statement; and
 - b. Any exhibit that the party will use at the hearing.
 - 2. Manner of Service and Filing. The service and filing requirement in (B)(1) of this section must be performed in accordance with Arizona Administrative Code R2-19-108 Filing Documents.

