



Dan S. Jones &lt;dansjones@utah.gov&gt;

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**Reciprocity--info for commission to consider**

1 message

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**Mike Moffatt** <mikemof@utcl.com>  
To: "Dan S. Jones" <dansjones@utah.gov>

Fri, Dec 20, 2013 at 3:38 PM

Dan,

Here's the info I prepared for your consideration to see if it's worth the commission's time. My intention is to convince DOPL (and the commission if possible) to allow the following Arizona licenses, B-3, L-61, C-61 and K-61 to reciprocate to both the R101 and S220 licenses. I've highlighted areas on some of the pages I sent you, but I don't think that comes through very clear. I would like to sit with you and go over this some time next week, if you're willing. If you then don't feel it's worth the commission's time, I'll drop it. Thanks Dan.

----- Original Message -----

**Date:** Fri, 20 Dec 2013 15:39:38 -0700  
**From:** utinfo@utcl.com  
**To:** Mike M <mikemof@utcl.com>

This E-mail was sent from "SLC" (Aficio MP C3500).

Scan Date: 12.20.2013 15:39:37 (-0700)  
Queries to: utinfo@utcl.com

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Utah Division of Occupational and Professional Licensing



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## Utah Contractor Reciprocity (Endorsement) Cross Reference Charts

- Arizona
- California
- Louisiana
- Nevada
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Arizona Contractor License Classifications Reciprocal With Utah			
AZ Commercial	AZ Residential	AZ Dual	Utah Equivalent
A, B, L	B, C	K	-
A	-	KA	E100
A-5	C-2	K-2	S310
A-7	-	-	S480
A-9	-	-	S380
A-11	-	-	S320
A-12	-	-	S390 & S410
A-14	-	-	S400
A-15	-	-	S263
A-17	-	-	E100
A-19	-	-	S380
A-21	-	-	S330
B-1	-	KB-1	B100
B-2	B	KB-2	R100
-	B-3	-	R101
-	B-5 & 6	KA-5 & 6	S380
L-1	-	K-1	S272
L-4	-	K-4	S211 & S213
-	C-4 & C-4R	-	S211
L-7	C-7	K-7	S220
L-9	C-9	K-9	S260
-	C-9 Gunnite & Shotcrete	-	S262
-	C-9R Terrazo	-	S292
L-10	C-10	K-10	S270
-	C-13	-	S400
L-14	-	K-14	S420
-	C-14	-	S421
L-16	C-16	K-16	S370
-	C-17	K-17	S320

-	C-17R Rebar & Wire Mesh	-	S321
-	C-21	K-21	S330
-	C-21 R Irrigation Systems	-	S212
L-26	-	K-26	S330
L-27	-	-	S273
-	C-30	-	S221
L-31	C-31	K-31	S290
L-34	C-34	K-34	S300
-	C-37R Gas Piping	-	S213
-	C-37R Sewers, Drains & Pipe Laying	-	S216
-	C-37R Water Cond. Equip.	-	S214
L-38	C-38	K-38	S440
L-39	-	K-39	S350
-	C-39	-	S351 & S352 & S353
-	C-39R AC & Refrigeration	-	S351
-	C39R Warm Air Heat, Evap Cool, Vent	-	S352 & S353
-	C-39R Evap Cool & Vent	-	S352
L-40	C-40	K-40	S250
L-41	C-41	K-41	S216
L-42	-	K-42	S280
L-44	-	K-44	S212
L-45	C-45	K-45	S340
L-48	C-48	K-48	S293
L-49	-	-	S360
L54	-	K-54	S214
L57	-	K-57	S460
L-58	-	K-58	S352 & S353
L-60	-	K-60	S221
L-61	C-61	K-61	R101
L-62	-	K-62	S321
L-64	-	K-64	S490
L-65	C-65	K-65	S240
-	-	K-66	S263
-	C-68	-	R101
-	-	K-69	S400
L-74	-	K-74	S211
L-77	-	K-77	S215
L-79	-	K-79	S351
-	-	K-80	S390 & S410

**ARIZONA REGISTRAR OF CONTRACTORS**

**C-61 LIMITED REMODELING & REPAIR CONTRACTOR (RESIDENTIAL); L-61 CARPENTRY, REMODELING & REPAIRS (COMMERCIAL); AND B-3 GENERAL REMODELING & REPAIR CONTRACTOR (RESIDENTIAL)**

**SCOPE OF WORK**

**C-61 Limited Remodeling & Repair Contractor (Residential) Scope** – Remodeling and repairs to existing structures or appurtenances, excluding swimming pools or spas, not to exceed \$25,000 per project per dwelling. Work on electrical, plumbing, air conditioning systems, or boilers that require a building permit must be subcontracted to an appropriately licensed contractor. The scope of work allowed under the C-7R carpentry classification is included. Doors, Gates, Windows, and Accessories, Removable Formwork and shoring, Nailing and Stapling.

**L-61 Carpentry, Remodeling & Repairs (Commercial) Scope** – All rough and finish general carpentry work on new and existing structures, including installation of related hardware and accessories, without dollar limitation. All general remodeling, additions, replacements, and repairs to existing structures, and pre-manufactured items on existing structures, except electrical, plumbing, and air conditioning system work which shall be subcontracted to properly licensed contractors. A single contract for remodeling, repair or a combination of both, shall not exceed \$50,000.

**B-3 General Remodeling & Repair Contractor (Residential) Scope** – Remodeling or repair of an existing residential structure or appurtenance except for electrical, plumbing, mechanical, boilers, swimming pools, or spas which must be subcontracted to an appropriately licensed contractor. The scope of work allowed under the C-7 carpentry classification is included within this scope. Doors, Gates, Windows, and Accessories, Removable Formwork and shoring, Nailing and Stapling. The trade test is considered equivalent for these classifications and upon passing the CBME and trade exam, any of these license classification may be applied for without further testing.

# of Questions	Minimum Passing Score	Time Allowed
70	70%	180 Minutes

**CONTENT OUTLINE**

Subject Area	# of Items
Plan Reading and Estimating	6
Stework	6
Building Code - Egress	5
Concrete	6
Masonry	6
Painting and Wall Coverings	4
Drywall and Metal Framing	7
Rough Carpentry and Framing	7
Siding	3
Finish Carpentry	5
Roofing	5
Insulation	5
Safety	5

**REFERENCE LIST**

To purchase reference materials go to PSI's online store at [www.psonlinestore.com](http://www.psonlinestore.com)

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. **Except for Code books**, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based only on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

*The following reference material is allowed in the examination center:*

*Code of Federal Regulations - 29 CFR Part 1926 (OSHA), 2008 or 2011, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954, 888-293-6498, <http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1>*

OR  
*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, 2008 or 2011, 3210 ETropicana, Las Vegas, NV 89121, (800) 733-9267, [www.psil exams.com](http://www.psil exams.com). (See order form at the end of the Candidate Information Bulletin.) All items are based on either the 2008 or 2011 editions.*

*International Residential Code for One- and Two-Family Dwellings, 2009, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org)*

*International Building Code, 2009, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org)*

*The following reference material is not allowed in the examination center:*

*Pipe and Excavation Contracting, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products), ISBN 0-934041-22-9*

*Carpentry and Building Construction, 2010 edition, John L. Feirer and Mark D. Feirer, Glencoe McGraw-Hill (800) 334-7344, Fax (614) 755-5682, URL- [www.glencoe.com](http://www.glencoe.com), ISBN 0-07-822702-X*

*Contractors Guide to Quality Concrete Construction, 3<sup>rd</sup> Edition, 2005, ACI/ASCC, 38800 Int'l Way, Country Club Drive, PO Box 9094, Farmington Hills, MI 48333, (248) 848-3700, [www.aci-int.org](http://www.aci-int.org)*

*Modern Masonry - Brick, Block, Stone, Olois E. Kicklighter, 2010 (Seventh Edition), The Goodheart-Willcox Company, (800) 323-0440, [www.goodheartwillcox.com](http://www.goodheartwillcox.com), ISBN 1-56637-962-8*

*Roofing Construction & Estimating, Daniel Atcheson, 1995, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com](http://www.craftsman-book.com), ISBN 1-57218-007-2*

*Walker's Insulation Techniques and Estimating Handbook, Harry Hardenbook, Gary D. Cook, 1983, Frank R. Walker Company, (800) 458-3734, [www.frankwalker.com](http://www.frankwalker.com), ISBN 911592512*



*Painting & Decorating Craftsman's Manual and Textbook* Eighth Edition, 1995, Painting and Decorating Contractors of America, 11960 Westline Industrial Drive, Suite 201, St. Louis, MO 63146-3209, [www.pdca.com](http://www.pdca.com).

*Standard Practice for Installation of Rigid Poly Vinyl Chloride, (PVC) Siding and Soffit* - ASTM D 4756 -06, 2006

*Gypsum Construction Handbook*, 2009 Edition, Publisher- United States Gypsum Company (USG), 125 S Franklin Street, Chicago, IL 60606, Phone (800) 874-4968, URL- <http://www.usg.com>, ISBN 0-9636862-2-4

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, annotated and/or indexed prior to the examination session. However, references may not be written in during the examination session. Any candidate caught writing, highlighting, underlining and/or indexing in the references during the examination will be reported to the Arizona Registrar of Contractors. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. References may be tabbed/indexed with permanent tabs only. (permanent tabs are defined as tabs that would tear the page if removed). Temporary tabs, (defined as Post-it notes, or other tabs that may be removed without tearing the page) are not allowed and must be removed from the reference before the exam will begin. If you are downloading from the internet, you may bring this reference into the testing center with you as long as it is bound. You can have it spiral bound or you may hole-punch it and put it in a binder.



**STATE OF UTAH**  
**S-220 CARPENTRY CONTRACTOR**

SCOPE OF WORK

Fabrication for structural and finish purposes in a structure or building using wood, wood products, metal studs, vinyl materials, or other wood/plastic/metal composites as is by custom and usage accepted in the building industry as carpentry.

# of Questions	Minimum Passing Score	Time Allowed
56	70%	2 Hours

CONTENT OUTLINE

Subject Area	# of Items
Safety	6
Insulation	1
Windows and Doors	3
Rough Carpentry	23
Finish Carpentry	14
Drywall	7
Siding	2

REFERENCE LIST

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. **Except for Code books**, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based only on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

*The following reference material is allowed in the examination center:*

- *International Building Code*, 2009 Edition, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, [www.iccsafe.org](http://www.iccsafe.org)
- Utah Amendments to the International Building Code, 2009.

*The following reference material is not allowed in the examination center:*

- *Code of Federal Regulations Title 29, Part 1926 (OSHA)*, 2008-2011, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954, (888) 293-6498, <http://bookstore.gpo.gov/> --OR-- P3 OSHA Excerpts, P3, 3210 E Tropicana, Las Vegas, NV 89121, (800) 733-9267, [www.psiexams.com](http://www.psiexams.com)
- *Carpentry and Building Construction*, 2010 edition, John L. Feirer and Mark D. Feirer, Glencoe/McGraw-Hill (800) 334-7344, Fax (614) 755-5682, URL: [www.glencoe.com](http://www.glencoe.com), ISBN: 0-07-822702-X
- *Guide to Good Practice for Handling, Installing, Restraint, and Bracing of Metal Plate Connected Wood Trusses*, 2006, Wood Truss Council of America, (608) 274-4849, [www.woodtruss.com](http://www.woodtruss.com)
- *Gypsum Construction Handbook*, 2009, United States Gypsum Company

- *Finish Carpenter's Manual*, Jim Tolpin, 1993, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com](http://www.craftsman-book.com), ISBN 0-934041-82-2

Reference material may be highlighted, underlined, and/or indexed. They must be otherwise unmarked (not written in) and may not contain additional papers (loose or attached). **THESE REFERENCES WILL NOT BE AVAILABLE IN THE EXAMINATION CENTER.** References may be tabbed/indexed with permanent tabs only. Temporary tabs, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin. If you are downloading from the Internet, you may bring this reference into the testing center with you as long as it is bound. You can have it spiral bound or you may hole-punch it and put it in a binder.



**STATE OF UTAH**  
**R-101 RESIDENTIAL AND SMALL COMMERCIAL NON-STRUCTURAL CONTRACTOR**

**SCOPE OF WORK**

Residential and Small Commercial Non Structural Remodeling and Repair. Remodeling and repair to any existing structure built for support, shelter and enclosure of persons, animals, chattels or movable property of any kind with the restriction that no change is made to the bearing portions of the existing structure, including footings, foundation and weight bearing walls, and the entire project is less than \$50,000 in total cost.

# of Questions	Minimum Passing Score	Time Allowed
60	70%	2 hours

**CONTENT OUTLINE**

Subject Area	# of Items
Concrete	7
Masonry	7
Rough Carpentry	16
Finish Carpentry	10
Doors and Windows	4
Drywall and Finishes	3
Safety	5
Roofing	3
General Building Codes	5

**REFERENCE LIST**

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. **Except for Code books**, you can base your answers on later editions of references as they become available. For Code questions, the examinations will be based only on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

The following reference materials are allowed in the examination center:

- *International Building Code*, 2009, International Code Council, 5203 Leesburg Pike, Suite 600 Falls Church, VA 22041, 7039314533, [www.intlcode.org](http://www.intlcode.org)
- Utah Amendments to the International Building Code, 2009.

The following reference materials are not allowed in the examination center:

- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, 2008 or 2011, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954, 888-293-6498, <http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1>  
OR
- *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, 2008 or 2011, 3210 E Tropicana, Las Vegas, NV 89121, (800) 733-9267, [www.psiexams.com](http://www.psiexams.com), (See order form at the end of the Candidate Information Bulletin.) All items are based on either the 2008 or 2011 editions.
- *Carpentry and Building Construction*, 2010 edition, John L. Feirer and Mark D. Feirer, Glencoe/McGraw-Hill (800)

334-7344, Fax (614) 755-5882, URL- [www.glencoe.com](http://www.glencoe.com), ISBN 0-07-822702-X

- *Finish Carpenter's Manual*, Jim Tolpin, 1993, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com](http://www.craftsman-book.com), ISBN 0-934041-82-2
- *Design and Control of Concrete Mixtures*, 2010, Steven H. Kosmatka, William C. Panarese, ISBN 0893122173, Portland Cement Association, 5420 Old Orchard Road, Skokie, IL 60077-1083, 847-966-6200, [www.portcem.org](http://www.portcem.org)
- *Modern Masonry*, Clois E. Kicklighter, 2010 (Seventh Edition), Goodheart-Willcox Company, Inc., 18604 W. Creek Drive, Tinley Park, IL 60477-624 800.320440
- *The Complete Illustrated Guide to Furniture and Cabinet Construction*, 2001, Andy Rae, 1-56158-402-9, The Taunton Press, 63 South Main St., P.O. Box 5506, Newtown, CT 06470-5506

Reference material may be highlighted, underlined, and/or indexed. They must be otherwise unmarked (not written in) and may not contain additional papers (loose or attached). THESE REFERENCES WILL NOT BE AVAILABLE IN THE EXAMINATION CENTER. References may be tabbed/indexed with permanent tabs only. Temporary tabs, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin. If you are downloading from the Internet, you may bring this reference into the testing center with you as long as it is bound. You can have it spiral bound or you may hole-punch it and put it in a binder.



<b>K-57</b>	<b>WRECKING</b> This classification allows the scope of work permitted by the commercial L-57 Wrecking and the residential C-22R Wrecking licenses.
<b>K-58</b>	<b>COMFORT HEATING, VENTILATING, EVAPORATIVE COOLING</b> This classification allows the scope of work permitted by the commercial L-58 Comfort Heating, Ventilating, Evaporative Cooling and the residential C-39R Warm Air Heating, Evaporative Cooling, and Ventilating licenses.
<b>K-60</b>	<b>FINISH CARPENTRY</b> This classification allows the scope of work permitted by the commercial L-60 Finish Carpentry and the residential C-30 Finish Carpentry licenses.
<b>K-61</b>	<b>CARPENTRY, REMODELING AND REPAIRS</b> This classification allows the scope of work permitted by the commercial L-61 Carpentry, Remodeling and Repairs and the residential C-61 Limited Remodeling and Repair Contractor licenses.
<b>K-62</b>	<b>REINFORCING BAR AND WIRE MESH</b> This classification allows the scope of work permitted by the commercial L-62 Steel Reinforcing Bar and Wire Mesh and the residential C-17R Rebar and Wire Mesh licenses.
<b>K-63</b>	<b>APPLIANCES</b> This classification allows the scope of work permitted by the commercial L-63 Appliances and the residential C-63 Appliances licenses.
<b>K-64</b>	<b>WOOD FLOOR LAYING AND FINISHING</b> This classification allows the scope of work permitted by the commercial L-64 Wood Floor Laying and Finishing and the residential C-8R Wood Flooring licenses.
<b>K-65</b>	<b>GLAZING</b> This classification allows the scope of work permitted by the commercial L-65 Glazing and the residential C-65 Glazing licenses.
<b>K-66</b>	<b>SEAL COATING</b> This classification allows the scope of work permitted by the commercial A-15 Seal Coating and the residential C-13R Asphalt Coating and Parking Appurtenances licenses.
<b>K-67</b>	<b>LOW VOLTAGE COMMUNICATION SYSTEMS</b> This classification allows the scope of work permitted by the commercial L-67 Low Voltage Communications Systems and the residential C-12 Low Voltage Communication Systems licenses.
<b>K-69</b>	<b>ASPHALT PAVING</b> This classification allows the scope of work permitted by the commercial A-14 Asphalt Paving and the residential C-13 Asphalt Paving licenses.
<b>K-74</b>	<b>BOILERS, STEAMFITTING AND PROCESSPIPING, INCLUDING SOLAR</b> This classification allows the scope of work permitted by the commercial L-74 Boilers, Steamfitting and Process Piping, Including Solar and the residential C-4 Boilers Including Solar licenses.
<b>K-77</b>	<b>PLUMBING INCLUDING SOLAR</b> This classification allows the scope of work permitted by the commercial L-77 Plumbing Including Solar and the residential C-37 Plumbing Including Solar licenses.
<b>K-78</b>	<b>SOLAR PLUMBING LIQUID SYSTEMS ONLY</b> This classification allows the scope of work permitted by the commercial L-78 Solar Plumbing Liquid Systems Only and the residential C-37R Solar Plumbing Liquid Systems Only licenses.
<b>K-79</b>	<b>AIR CONDITIONING AND REFRIGERATION INCLUDING SOLAR</b> This classification allows the scope of work permitted by the commercial L-79 Air Conditioning and Refrigeration Including Solar and the residential C-39 Air Conditioning and Refrigeration Including Solar licenses.
<b>K-80</b>	<b>SEWERS, DRAINS AND PIPE LAYING</b> This classification allows the scope of work permitted by the commercial A-12 Sewers, Drains, and Pipe Laying and the residential C-37R Sewers, Drains and Pipe Laying licenses.

**SPECIALTY COMMERCIAL CONTRACTING**

<b>L-61</b>	<p><b>CARPENTRY, REMODELING AND REPAIRS</b> All rough and finish general carpentry work on new and existing structures, including installation of related hardware and accessories, without dollar limitation. All general remodeling, additions, replacements, and repairs to existing structures, and pre-manufactured items on existing structures, except electrical, plumbing, and air conditioning system work which shall be sublet to properly licensed contractors. A single contract for remodeling, repair, or a combination of both, shall not exceed \$50,000.</p>
<b>L-62</b>	<p><b>REINFORCING BAR AND WIRE MESH</b> Installation of reinforcing bar and wire mesh in preparation for placement of concrete materials, including post tensioning.</p>
<b>L-63</b>	<p><b>APPLIANCES</b> Installation and repair of appliances that become a fixed part of a structure, after necessary gas, electrical, or plumbing lines have been provided by properly licensed contractors. Installation of gas lines from meter to unit only where required due to improper existing pipe size. Connection of a mobile structure to the existing gas, plumbing, and electrical service facilities. Inspection and servicing of gas fired furnaces.</p>
<b>L-64</b>	<p><b>WOOD FLOOR LAYING AND FINISHING</b> Installation, replacement, and repair of wood floors using materials and methods common to the industry including preparation of subflooring. Finishing and refinishing wood flooring by sanding and applying special surface treatment.</p>
<b>L-65</b>	<p><b>GLAZING</b> Assembly, installation, and replacement of glass products. Installation of steel and aluminum glass holding members, glass products, and related hardware. Installation of standard methods of weatherproofing, caulking, glazing, sealants, and adhesives.</p>
<b>L-67</b>	<p><b>LOW VOLTAGE COMMUNICATION SYSTEMS</b> Installation, service, repair, and maintenance of systems and devices of low voltage, including public address; intercommunication systems; telephone switchboards; call systems; master and program clocks (low voltage wiring and needed equipment only); electrical teaching devices; low voltage signaling; master television antennas; closed circuit television, and alarm systems. Installation, service, repair, and maintenance of both high and low level electronic or electrical control devices that are associated with systems of low voltage. Erection of towers on buildings for television antennas.</p>
<b>L-74</b>	<p><b>BOILERS, STEAMFITTING AND PROCESS PIPING, INCLUDING SOLAR</b> 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.</p>
<b>L-77</b>	<p><b>PLUMBING INCLUDING SOLAR</b> 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. 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, semi-fluid, 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, non-potable 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.</p>
<b>L-78</b>	<p><b>SOLAR PLUMBING LIQUID SYSTEMS ONLY</b> 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 stub-outs 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 back-up 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.</p>

<b>C-45</b>	<b>SHEET METAL</b> Installation and repair of sheet metal, aluminum, plastic, and fiberglass products common to the industry. This scope includes the C-45R subclassification.
<b>C-45R</b>	<b>PREMANUFACTURED FIREPLACES</b>
<b>C-48</b>	<b>CERAMIC, PLASTIC AND METAL TILE</b> Installation and repair of ceramic and facsimile tile products common to the industry. This scope includes the C-48R subclassification.
<b>C-48R</b>	<b>SWIMMING POOL TILE</b>
<b>C-53</b>	<b>DRILLING</b> Installation and repair of wells, including test boring, exploratory drilling and all materials and devices common to the industry.
<b>C-61</b>	<b>LIMITED REMODELING AND REPAIR CONTRACTOR</b> Remodeling or repairs to existing structures or appurtenances, excluding swimming pools or spas, not to exceed \$25,000 per project per dwelling. Work on electrical, plumbing, air conditioning systems, or boilers that require a building permit must be subcontracted to an appropriately licensed contractor. The scope of work allowed under the C-7 carpentry classification is included.
<b>C-62</b>	<b>MINOR HOME IMPROVEMENTS</b> Remodeling, repairs, and improvements to existing structures or appurtenances not to exceed \$2,500 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.
<b>C-63</b>	<b>APPLIANCES</b> Installation and repair of appliances. Included is the connection of a mobile home to existing gas, plumbing, and electrical services.
<b>C-65</b>	<b>GLAZING</b> Installation and repair of glass, glass products, plastics, frames, holding members, and all materials common to the industry. This scope includes all C-65R subclassifications.
<b>C-65R</b>	<b>SKYLIGHTS</b> <b>STORM WINDOWS AND DOORS</b> <b>MIRRORS</b> <b>WINDOW TREATMENT</b>
<b>C-68</b>	<b>MOBILE HOME REMODELING AND REPAIR</b> Repair or remodeling of mobile homes. Site work is excluded, as well as remodeling which will increase floor area.

**GENERAL DUAL ENGINEERING CONTRACTING**

<b>KA-</b>	<b>DUAL ENGINEERING</b> This classification allows the scope of work permitted by the commercial A- General Engineering and the B-4 General Residential Engineering licenses.
<b>KA-5</b>	<b>DUAL SWIMMING POOL CONTRACTOR</b> This classification allows the scope of work permitted by the commercial A-9 Swimming Pools and the residential B-5 General Swimming Pool licenses.
<b>KA-6</b>	<b>DUAL SWIMMING POOL CONTRACTOR INCLUDING SOLAR</b> This classification allows the scope of work permitted by the commercial A-19 Swimming Pools, Including Solar and the residential B-6 General Swimming Pools, Including Solar licenses.
<b>KE-</b>	(as restricted by Registrar)

**GENERAL DUAL LICENSE CONTRACTING**

<b>C-01</b>	<b>ACOUSTICAL SYSTEMS</b> Installation and repair of acoustical wall and ceiling systems, excluding electrical.
<b>C-02</b>	<b>EXCAVATING, GRADING AND OIL SURFACING</b> Installation, alteration, and repair of earthen material by digging, trenching, grading, or compacting the material for a cut, fill, grade, or trench. Oil surfacing may be applied over base materials.
<b>C-03</b>	<b>AWNINGS AND CANOPIES</b> Installation and repair of metal, fabric, fiberglass, and plastic window awnings, door hoods, free-standing or attached canopies, carport and patio covers. Installation or repair of screened and paneled enclosures, not intended for use as habitable spaces, using metal panels, plastic inserts, and screen doors. A minimum of 60% of wall area of an enclosure shall be constructed of screening material. Installation or repair of fascia panels, flashing, and skirting. Installation or repair of exterior detached metal storage units. The placing of concrete footings and concrete slabs are permitted only when intended for patio covers, screened-in porches, and metal storage units when included in the same contract. Excluded is any structural member which itself weighs more than 6 pounds per lineal foot. All electrical, plumbing, and air conditioning systems are excluded.
<b>C-04</b>	<b>BOILERS, INCLUDING SOLAR</b> 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.
<b>C-04R</b>	<b>BOILERS</b>
<b>C-05</b>	<b>(as restricted by Registrar)</b>
<b>C-06</b>	<b>SWIMMING POOL SERVICE AND REPAIR</b> 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 1st disconnect.
<b>C-07</b>	<b>CARPENTRY</b> Installation and repair of rough and finish general carpentry work on new and existing structures including accessories and related hardware common to the industry. This scope includes all C-7R subclassifications.
<b>C-07R</b>	<b><u>DOORS, GATES, WINDOWS AND ACCESSORIES</u></b> <b><u>REMOVABLE FORMWORK AND SHORING</u></b> <b><u>NAILING AND STAPLING</u></b>
<b>C-08</b>	<b>FLOOR COVERING</b> Installation and repair of floor covering materials and accessories. This scope includes all C-8R subclassifications.
<b>C-08R</b>	<b><u>WOOD FLOORING</u></b> <b><u>CARPET</u></b> <b><u>COMPOSITION FLOORING</u></b> <b><u>NON-CONVENTIONAL FLOOR COVERING</u></b> <b><u>CERAMIC AND CLAY FLOOR COVERING</u></b>
<b>C-09</b>	<b>CONCRETE</b> Installation and repair of concrete, concrete products, and accessories common to the industry. This scope includes all C-9R subclassifications.
<b>C-09R</b>	<b><u>GUNITE &amp; SHOTCRETE</u></b> <b><u>LIGHTWEIGHT CONCRETE</u></b> <b><u>FENCE FOOTINGS</u></b> <b><u>PRE-CAST CONCRETE</u></b> <b><u>SAWING, CORING, EPOXY PANELS AND BONDING</u></b> <b><u>TERRAZZO</u></b>
<b>C-10</b>	<b>DRYWALL</b> Installation, repair, taping, and texturing of gypsum wallboard, including lightweight non-bearing wall partitions and ceiling grid support systems for drywall.
<b>C-11</b>	<b>ELECTRICAL</b> Installation and repair of electrical systems.
<b>C-12</b>	<b>LOW VOLTAGE COMMUNICATION SYSTEMS</b> Installation and repair of low voltage alarm, intercom, telephone, call, clock and television systems, including towers and antennas.

## Test & Book Comparisons

R101 & S220 test subject areas  
(combined)

Safety  
Rough Carpentry  
Finish Carpentry  
Drywall(and Finishes)  
Windows & Doors  
Concrete  
Masonry  
Roofing  
Siding  
Insulation

IBC 09  
Code of Fed Reg(OSHA)  
Carp. & Bldg Const.  
Fin. Carp. Manual  
Gyp. Const. Handbook  
G to GP for H,I,R & B of MPCWT  
Design & Cont. of Conc. Mix.  
Modern Masonry  
Comp IG to F & Cab. Const.

B3/L61/C6 test subject areas

Safety  
Rough Carpentry  
Finish Carpentry  
Drywall & Metal Framing  
Concrete  
Masonry  
Roofing  
Siding  
Insulation  
Building Code-Egress  
Plan Reading & Estimating  
Sitework  
Painting & Wall Coverings

IBC 09  
IRC 09  
Code of Fed. Reg(OSHA)  
Carp. & Bldg Const.  
Modern Masonry  
Gyp. Const. Handbook  
Pipe & Exc. Contracting  
CG to QCC  
Roofing Const. & Estimating  
Painting & Dec. CM  
SP for Inst. Of RPVC, S&S  
WIT & Est. Handbook