

**ARIZONA REGISTRAR OF CONTRACTORS**  
**NASCLA-ACCREDITED EXAMINATION - COMMERCIAL GENERAL BUILDING CONTRACTOR**

SCOPE OF WORK

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. \*Note: AZ applicants applying for the B-1 or B-2 General Commercial licenses have a choice of trade exams. They can elect to take either the NASCLA exam or the AZ ROC General Commercial exam. There are differences in these exams. See the PSI CIB for each exam to compare the differences and determine which exam best fits your business needs.

The NASCLA Accredited Examination Program was designed to assist contractors who wish to be licensed in multiple jurisdictions by offering a streamlined test taking option for the trade portion of the contractor examination. The *NASCLA Accredited Examination for Commercial General Building Contractors* was designed to assist candidates applying within individual state agencies for the general commercial building contractor classification or similar to.

Candidates who take and pass the NASCLA Accredited Examination can access NASCLA's National Examination Database (NED) located on <https://ned.nascla.org> to electronically send their transcripts to jurisdictions that accept the examination in lieu of their state specific trade portion, thereby reducing redundant licensing requirements. Candidates are expected to follow individual state agency applications to become licensed, in addition to taking a business and law examination, etc. If you are unsure if this examination will meet your specific license requirements in a participating state agency, please contact the state agency directly to confirm. A complete list of participating state agencies can be found on NASCLA's website by visiting: [www.nascla.org/page/ParticipatingStateAg](http://www.nascla.org/page/ParticipatingStateAg)

For questions regarding the examination, please contact NASCLA via email to [info@nascla.org](mailto:info@nascla.org) or by phone at (623) 587-9354.

# of Questions	Minimum Passing Score	Time Allowed
115	81	330 Minutes

CONTENT OUTLINE

Subject Area	# of Items
General Requirements	25
Site Construction	15
Concrete	6
Masonry	4
Metals	6
Wood	5
Thermal and Moisture Protection	5
Doors, Windows, and Glazing	4
Finishes	5
Mechanical and Plumbing Systems	6
Electrical Systems	3
Procurement and Contracting Requirements	31

EXPERIMENTAL QUESTIONS

In addition to the number of questions per examination, a small number of up to ten "experimental" questions may be administered to candidates during the examinations. These questions will not be scored, and the time taken to answer them will not count against examination time. The administration of such non-scored experimental questions is an essential step in developing future licensing examinations.

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.

This examination is OPEN BOOK.

*The following reference materials are allowed in the examination center.*

ICC A117.1-2017 Standard for Accessible and Usable Buildings and Facilities; International Code Council; 500 New Jersey Avenue, NW 6th Floor, Washington, DC 20001; [P] 888-ICC-SAFE (888-422-7233); [F] (202) 783-2348; International: (202) 370-1800; [www.ansi.org](http://www.ansi.org); <https://shop.iccsafe.org/icc-a117-1-2017-standard-and-commentary-accessible-and-usable-buildings-and-facilities-1.html>

BCSI: Guide to Good Practice for Handling, Installing, Restraining, and Bracing of Metal Plate Connected Wood Trusses, 2018 (Updated March 2020), Structural Building Components Association



and Truss Plate Institute, (608) 274- 4849,  
<https://www.sbcindustry.com/building-component-safety-information-bcsi>

Carpentry and Building Construction, 2016 edition, John L. Feirer and Mark D. Feirer, Publisher: McGraw-Hill,  
<http://www.contractorsseminars.com>, 828-277-3999

Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, U.S. Government Printing Office, (866) 512-1800. Online version:  
<https://www.osha.gov/laws-regs/regulations/standardnumber/1926>; This may also be purchased from various vendors including Amazon.  
OR

Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, 3210 E Tropicana, Las Vegas, NV 89121, (800) 733-9267,  
[www.psiexams.com](http://www.psiexams.com)

Construction Jobsite Management, 4th Edition, 2017, William R. Mincks, Hal Johnston, Delmar/Thomson Learning, PO Box 6904, Florence, KY 41022-6904, Phone (800) 347-7707, Fax (800) 487-8488,  
<https://www.amazon.com/Construction-Jobsite-Management-William-Mincks/dp/130508179X>

Construction Project Management, 2014, 4th Edition, Frederick Gould, Nancy Joyce, Pearson Education, Inc. publishing as Prentice Hall, One Lake Street, Upper Saddle River NJ, 07458, 800-848-9500,  
<https://www.amazon.com/Construction-Project-Management-Frederick-Gould/dp/0132877244>

NASCLA Contractors' Guide to Business, Law and Project Management, Basic 13th Edition National Association of State Contractors Licensing Agencies (NASCLA), 23309 N. 17th Drive, Phoenix, Arizona 85027, Telephone: (623) 587-9519, Fax: (623) 587-9625,  
[www.nascla.org](http://www.nascla.org)

Erectors' Manual - Standards and Guidelines for the Erection of Pre-Cast Concrete Products, 1999, 2nd Edition, Publisher- Precast/Prestressed Concrete Institute (PCI), 209 W. Jackson Blvd, Chicago, IL 60606-6938, Phone (312) 786-0300,  
<https://www.amazon.com/Erectors-manual-Standards-guidelines-erection/dp/0937040568>

Green Building Fundamentals, Michael Montoya, 2011, 2nd edition, Pearson Education Publishing, ISBN-10: 0-13-511108-0, Pearson Publishing,  
<https://www.amazon.com/Green-Building-Fundamentals-Mike-Montoya/dp/0135111080>

Gypsum Construction Handbook, 7th edition, 2014, United States Gypsum Company (USG), RS Means Publishing, 700 Longwater Drive, Norwell, MA 02061, 800-334-3509, Fax: 800-632-6732,  
[https://www.rsmeans.com/products/books/reference-books/commercial-construction/the-gypsum-construction-handbook-7th-edition.aspx?gclid=EAlalQobChMh5Pn\\_byG6AIVIONkCh1TzgUQEAQYBCABEgLABvD\\_BwE](https://www.rsmeans.com/products/books/reference-books/commercial-construction/the-gypsum-construction-handbook-7th-edition.aspx?gclid=EAlalQobChMh5Pn_byG6AIVIONkCh1TzgUQEAQYBCABEgLABvD_BwE)

Technical Digest No. 9 - Handling and Erection of Steel Joists and Joist Girders, 3rd Edition, 2008, Steel Joint Institute, 234 W. Cheves Street, Florence, SC 29501, Phone: (843) 407-4091, Fax (843) 407-4044,  
[www.steeljoist.org](http://www.steeljoist.org)

International Building Code, International Building Code, 2015 or 2018 Edition, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org). **Effective as of 02/01/2022 the examination will be based on the 2018 or 2021 editions**

ACI 318-14 (2014): Building Code Requirements for Structural Concrete and Commentary, American Concrete Institute, (248) 848-3700,  
<https://www.concrete.org/store/productdetail.aspx?ItemID=318U14&Language=English>

Training and Certification of Field Personnel for Unbonded Post-Tensioning - Level 1 Field Fundamentals, 2003, 3rd Edition, Post-Tensioning Institute, 1717 W. Northern Avenue, Suite 114, Phoenix, AZ 85021, Phone (602) 870-7540, Fax (602) 870-7541, [www.post-tensioning.org](http://www.post-tensioning.org)

Modern Masonry - Brick, Block, Stone, Clois E. Kicklighter, 8th edition (2015). The Goodheart-Willcox Company, (800) 323-0440, [www.g-w.com](http://www.g-w.com)

Pipe and Excavation Contracting, 2011, Dave Roberts, Craftsman Book Company, P.O. Box 6500, Carlsbad, CA 92018, Phone (800) 829-8123, Fax (631) 924-6580,  
[www.craftsman-book.com](http://www.craftsman-book.com).

Principles and Practices of Commercial Construction, the 2019 10th Edition thru November 4, 2020. Cameron K. Andres and Ronald C. Smith, Pearson Education, Inc., One Lake Street, Upper Saddle River, NJ 07458, Phone (201) 236-7000  
[https://www.amazon.com/Principles-Practices-Commercial-Construction-Technology/dp/0134704665/ref=sr\\_1\\_1?crid=PXVLRERQ57AE&child=1&keywords=principles+and+practices+of+commercial+construction%2C+10th+edition&qid=1600246909&sprefix=principles+and+practices+of+commer%2Caps%2C216&sr=8-1](https://www.amazon.com/Principles-Practices-Commercial-Construction-Technology/dp/0134704665/ref=sr_1_1?crid=PXVLRERQ57AE&child=1&keywords=principles+and+practices+of+commercial+construction%2C+10th+edition&qid=1600246909&sprefix=principles+and+practices+of+commer%2Caps%2C216&sr=8-1)

Roofing Construction and Estimating, Daniel Atcheson, 1995, Craftsman Book Company, (800) 829-8123,  
[www.craftsman-book.com/products](http://www.craftsman-book.com/products)

Placing Reinforcing Bars, Recommended Practices, 2011 or later printing, 9th edition, Concrete Reinforcing Steel Institute, Publisher- Concrete Reinforcing Steel Institute, 933 North Plum Grove Rd, Schaumburg, IL 60173, Phone (800) 328-6306, <http://www.crsi.org/>

SDI (Steel Deck Institute) Manual of Construction with Steel Deck, 2016, 3rd Edition, Publisher-Steel Deck Institute, PO Box 25, Fox River Grove, IL 60021, Phone (847) 458-4647, Fax (847) 458-4648, <https://www.sdi.org/publications-2/publications/>

The Contractor's Guide to Quality Concrete Construction, 2018, 4th Edition, American Concrete Institute, (248) 848-3700, <https://www.amazon.com/Contractors-Guide-Quality-Concrete-Construction/dp/1641950471>



Developing Your Stormwater Pollution Prevention Plan - A Guide for Construction Sites, United States Environmental Protection Agency, 2007; EPA Document number 833R06004; EPA National Service Center for Environmental Publications, PO Box 42419 Cincinnati, OH 45242-3408; 800-490-9198

This document can be downloaded as a pdf for free or it can be ordered as a hard copy through the EPA for free.

To order online for free, do a Google search for the EPA document number 833R06004. Enter into the search bar ONLY the document number 833R06004 and no other characters.

Then select the website option: [nepis.epa.gov](http://nepis.epa.gov), then scroll down and choose the document title [Developing Your Stormwater Pollution Prevention Plan - A Guide for Construction Sites](#), then choose the [USPS icon](#) and fill out the form with name and address.

ANSI/EIMA 99-A-2017: Standard for Exterior Insulation and Finish Systems (EIFS) and EIFS with Drainage, 2017, ANSI/EIMA, <https://www.mycontractorslicense.com/ANSI-EIMA-99-A-2017-p/ansi-eima-1book.htm>

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.