

**STATE OF UTAH**  
**B-100 GENERAL BUILDING CONTRACTOR**

**SCOPE OF WORK**

A General Building contractor is a contractor licensed to perform work as defined in Subsection 58-55-102(18).

# of Questions	Minimum Passing Score	Time Allowed
80	70%	3 Hours

**CONTENT OUTLINE**

Subject Area	# of Items
Sitework	6
Concrete	10
Masonry	6
Metals	7
Carpentry	8
Thermal and Moisture Protection	4
Doors and Windows	4
Drywall and Finishes	3
Safety	5
Plan Reading, and Estimating	10
Blue Stakes	3
Roofing	4
General Building Codes	7
Sewer and Septic	3

**PRETEST ITEMS**

In addition to the number of questions per examination, a small number of five to ten "pretest" questions may be administered to candidates during the examination. 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.

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

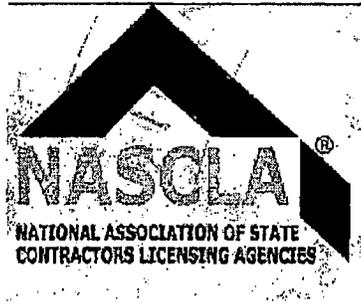
- *International Building Code*, 2012 Edition, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478-5795, [www.iccsafe.org](http://www.iccsafe.org).
- Utah Amendments to the International Building Code, 2012.
- *International Residential Code for One- and Two-Family Dwellings*, 2012 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 Residential Code, 2012.

*The following reference material is 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.
- *Handling and Erection of Steel Joists and Joist Girders*, 1987 or 2006 edition, Steel Joist Institute, 3127 10th Avenue North Extension, Myrtle Beach, South Carolina 29577-6760, [www.steeljoist.org](http://www.steeljoist.org)
- *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*, 2nd Edition, 1998, 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)
- *Pipe and Excavation Contracting*, Dave Roberts, 2011, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products), ISBN 0-934041-22-9
- *Gypsum Construction Handbook*, 2009, United States Gypsum Company
- *Roofing Construction and Estimating*, Daniel Atcheson, 1995, Craftsman Book Company, 6085 Corte de Cedro, Carlsbad, CA 92009, (800) 829-8123, [www.craftsman-book.com](http://www.craftsman-book.com), ISBN: 1-57218-007-2
- *Excavator's Guide*, 2006, Utah Blue Stakes Center, 205 West 700 South, Suite 101, Salt Lake City, Utah 84101. [www.bluestakes.org](http://www.bluestakes.org)
- *Instructional Manual for Training and Certification of Steel Personnel for Unbonded Post-Tensioning*, 1999, Post Tensioning Institute, 1717 West Northern Avenue, Ste 114 Phoenix, AZ, 85021, (602) 870-7540
- *Modern Masonry*, Clois E. Kicklighter, 2010 (Seventh Edition), Goodheart-Willcox Company, inc., 18604 W. Creek Drive, Tinley Park, IL 60477, ISBN: 1-56637-962-8
- *ACI 530-05 Building Code Requirements for Masonry Structures*, 2005, American Concrete Institute, (248) 848-3700, [www.concrete.org](http://www.concrete.org)
- *ACI 318-05 Building Code Requirements for Structural Concrete and Commentary*, 2005, American Concrete Institute, (248) 848-3700, [www.concrete.org](http://www.concrete.org)
- *Utah Water Quality, Title R317-4, Onsite Wastewater Systems*, 2006 Edition, Utah Department of Environmental Quality, Division of Water Quality, P.O. Box 144870, Salt Lake City, UT 84114-4870, [waterquality.utah.gov](http://waterquality.utah.gov).

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.





**EXAMINATIONS BY PSI SERVICES, LLC**

NASCLA has contracted with PSI Services LLC (PSI) to deliver its certification examinations.

**EXAMINATION REGISTRATION AND SCHEDULING PROCEDURES**

All scheduling questions should be directed to PSI. You may either schedule via the Internet at [www.psiexams.com](http://www.psiexams.com), or schedule over the telephone at (800) 733-9267.

PSI Services LLC  
 3210 E Tropicana  
 Las Vegas, NV 89121  
 (800) 733-9267 • Fax (702) 932-2666  
[www.psiexams.com](http://www.psiexams.com)

**INTERNET SCHEDULING**

You may schedule for your test by completing the online Test Registration Form. The Test Registration Form is available at PSI's website, [www.psiexams.com](http://www.psiexams.com). You may schedule for a test via the Internet 24 hours a day.

1. Complete the registration form online and submit your information to PSI via the Internet.
2. Upon completion of the online registration form, you will be given the available dates for scheduling your test.

**TELEPHONE SCHEDULING**

PSI has two scheduling methods available for those that wish to schedule by telephone. First, candidates may call PSI at (800) 733-9267, 24 hours a day and schedule using the Automated Registration System. Second, candidates wishing to contact a live operator may use this same telephone number to contact PSI registrars seven days a week to schedule an appointment for the test. PSI has test sites throughout the United States. The times of operation for live operators are as follows:

	Monday - Friday	Saturday - Sunday
Eastern Time	7:30am - 10:00pm	9:00am - 5:30pm
Central Time	6:30am - 9:00pm	8:00am - 4:30pm
Mountain Time	5:30am - 8:00pm	7:00am - 3:30pm
Pacific Time	4:30am - 7:00pm	6:00am - 2:30pm

**CANCELING AN EXAMINATION APPOINTMENT**

You may cancel and reschedule an examination appointment without forfeiting your fee if your *cancellation notice is received 2 days before the scheduled examination date*. For example, for a Monday appointment, the cancellation notice would need to be received on the previous Saturday. You may call PSI at (800) 733-9267. Please note that you may also use the automated system, using a touch-tone phone, 24 hours a day in order to cancel and reschedule your appointment.

Note: A voice mail message is not an acceptable form of cancellation. Please use the PSI Website, automated telephone system (IVR), or call PSI and speak to a Customer Service Representative.

**MISSED APPOINTMENT OR LATE CANCELLATION**

Your registration will be invalid, you will not be able to take the examination as scheduled, and you will forfeit your examination fee, if you:

- Do not cancel your appointment 2 days before the schedule examination date;
- Do not appear for your examination appointment;
- Arrive after examination start time;
- Do not present proper identification when you arrive for the examination.

**SPECIAL EXAMINATION ARRANGEMENTS**

All examination centers are equipped to provide access in accordance with the Americans with Disabilities Act (ADA) of 1990, and every reasonable accommodation will be made in meeting a candidate's needs. Applicants with disabilities or those who would otherwise have difficulty taking the examination must fill out the form at the end of this Candidate Information Bulletin and fax to PSI (702) 932-2666.

**EXAMINATION SITE CLOSING FOR AN EMERGENCY**

In the event that severe weather or another emergency forces the closure of an examination site on a scheduled examination date, your examination will be rescheduled. PSI personnel will attempt to contact you in this situation. However, you may check the status of your examination schedule by calling (800) 733-9267. Every effort will be made to reschedule your examination at a convenient time as soon as possible. You may also check our website at [www.psiexams.com](http://www.psiexams.com).

**EXAMINATION SITE LOCATIONS**

There are nationwide examination centers. You will be provided with the locations upon scheduling for your examination. Go to [www.psiexams.com](http://www.psiexams.com) for a listing of sites.

**REPORTING TO THE EXAMINATION SITE**

On the day of the examination, you should arrive 30 minutes before your appointment. This extra time is for sign-in, identification, and familiarizing you with the examination process. *If you arrive late, you may not be*



admitted to the examination site and you will forfeit your examination registration fee.

**REQUIRED IDENTIFICATION**

You must provide 1 form of identification. This must be a VALID form of government-issued identification (Driver's License, State ID, Passport) which bears your signature and has your photograph.

If you cannot provide the required identification, you must call (800) 733-9267 at least 3 weeks prior to your scheduled appointment to arrange a way to meet this security requirement. *Failure to provide ALL of the required identification at the time of the examination without notifying PSI is considered a missed appointment and you will not be able to take the examination at that time.*

**SECURITY PROCEDURES**

The following security procedures will apply during the examination:

- NO conversing or any other form of communication among candidates is permitted once you enter the examination area.
- Please be advised that children, cell phones, pagers, cameras, programmable electronic devices and recording devices of any kind are NOT allowed to enter PSI testing centers. Additionally, NO personal items are to enter the testing centers, including handbags, backpacks, heavy coats, etc., PSI will not be responsible for any personal items, and suggests that you leave such items in another safe place, of your choosing.
- No smoking, eating, or drinking will be allowed at the examination site.
- You may not exit the building during the examination.
- Copying or communicating examination content is a violation of PSI security policy and the State Law. Either one may result in the disqualification of examination results and may lead to legal action.

**EXAMINATION REVIEW**

While taking the examination, examinees will have the opportunity to provide comments on any questions, by using the comments key on the keyboard. These comments will be analyzed by PSI examination development staff. Although PSI does not respond to individuals regarding these comments, all substantive comments are reviewed. This is the only review of examination materials available to candidates.

**EXAMINATION**

**NASCLA-ACCREDITED EXAMINATION -  
COMMERCIAL GENERAL BUILDING CONTRACTOR**

If you pass the *NASCLA Accredited Examination for Commercial General Building Contractors*, your name will be entered into the NASCLA National Examination Database and you may use this information in other states that accept that NASCLA Accredited Examination.

The NASCLA-Accredited Examination Program was designed to assist contractors who need to be licensed in multiple jurisdictions. Contractors who take the accredited examination can access NASCLA's examination database (NED) and request that their results be sent to other jurisdictions that accept the examination, thereby reducing redundant licensing requirements.

Please visit NASCLA's website at <http://www.nascla.org/exam.php> for a listing of the states that provide this examination.

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

**CONTENT OUTLINE**

Subject Area	# of Items
Planning and Estimating	21
Financial and Project Management	21
Safety	19
Site Construction	15
Concrete	8
Masonry	3
Metals	5
Wood Foundations and Framing	5
Thermal Moisture Protection	4
Doors, Windows, and Glazing	5
Finishes	7
Specialty Equipment and Conveyance Systems	2

**PRETEST ITEMS**

In addition to the number of examination items specified, 10 non-scored "pretest" questions will 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**

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

This examination is OPEN BOOK.

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

*BCSI: Guide to Good Practice for Handling, Installing, Restraining, and Bracing of Metal Plate Connected Wood Trusses*, 2013, Structural Building Components Association and Truss Plate Institute, (608) 274-4849, [www.sbcindustry.com](http://www.sbcindustry.com)



*Construction Jobsite Management*, 3rd edition, 2011, Author-William R. Mincks, Hal Johnston, Delmar/Thomson Learning, PO Box 6904, Florence, KY 41022-6904, Phone (800) 347-7707, Fax (800) 487-8488, URL- [www.delmarlearning.com](http://www.delmarlearning.com).

*NASCLA Contractors' Guide to Business, Law and Project Management*, Basic 10<sup>th</sup> or 11<sup>th</sup> 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, Fax (312) 786-0353, [www.pci.org](http://www.pci.org)

*Training and Certification of Field Personnel for Unbonded Post-Tensioning - Level 1 Field Fundamentals*, 2003, 3rd Edition, Publisher- 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).

*Management of Construction Projects - A Constructor's Perspective*, 2002, 1st Edition, John E. Schaufelberger, Len Holm, Prentice-Hall PTR, 200 Old Tappan Road, Old Tappan, NJ 07675, Phone (800) 382-3419, (800) 922-0579, Fax (201) 236-7141, [www.prenhall.com](http://www.prenhall.com).

*SDI (Steel Deck Institute) Manual of Construction with Steel Deck*, 2006, 2nd Edition, Publisher-Steel Deck Institute, PO Box 25, Fox River Grove, IL 60021, Phone (847) 458-4647, Fax (847) 458-4648, [www.sdi.org](http://www.sdi.org)

*Pipe and Excavation Contracting*, 2011, Author-Dave Roberts, Publisher- 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).

*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, [rsmeans.reedconstructiondata.com](http://rsmeans.reedconstructiondata.com)

*Placing Reinforcing Bars, Recommended Practices*, 2011, 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/>

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

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

*Principles and Practices of Commercial Construction*, 2014, 9th Edition, Cameron K. Andres and Ronald C. Smith, Pearson Education, Inc., One Lake Street, Upper Saddle River, NJ 07458, Phone (201) 236-7000, [pearsoned.com](http://pearsoned.com).

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

*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, 2008, 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.

*Carpentry and Building Construction*, 2010 edition, John L. Feirer and Mark D. Feirer, Publisher: McGraw-Hill, [www.textbooks.com](http://www.textbooks.com), 877-292-6442. (Note: 2004 edition may also be used if 2010 edition is not available.)

*ANSI Accessible and Usable Buildings and Facilities*, 2009, American National Standards Institute, 1819 L Street NW, Washington, DC 20036, (202) 293-8020, [www.ansi.org](http://www.ansi.org)

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

*The Contractor's Guide to Quality Concrete Construction*, 2005, 3rd Edition, American Concrete Institute, (248) 848-3700, [www.aci-int.org](http://www.aci-int.org).

*Green Building Fundamentals*, Michael Montoya, 2011, 2<sup>nd</sup> edition, Pearson Education Publishing, ISBN-10: 0-13-511108-0, Pearson Publishing, [www.informit.com/sales/df](http://www.informit.com/sales/df)

*International Building Code*, 2009 or 2012 Edition, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org)

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## AFTER PASSING THE EXAMINATION

Your results have been entered in the National Examination Database (NED) that will allow you to transfer your results to other states. Even if you are not interested in transferring your results at this time, you might want to go to <https://ned.nascla.org> and view the tutorial. You will not need a login or password to access the video. Just click on the message "To view an instructional video on registering and transcript purchasing" and you will be taken to the video. Once you have viewed the video, you may want to register so that an account can be established; there is no charge to register on NED.

You may also contact any jurisdiction/state agency to inquire if they will accept this passing score. For a complete listing of agencies that will accept your results, please visit the National Association of State Contractors Licensing Agencies' (NASCLA) website at <http://www.nascla.org/exam.php>.

