



**PSI**  
 3210 E Tropicana  
 Las Vegas, NV 89121  
[www.psiexams.com/](http://www.psiexams.com/)

*Before paying for  
 your examination registration,  
 be sure you understand  
 the contents of this bulletin.  
 Please retain and use it as a reference  
 when contacting PSI.*

# STATE OF NEW MEXICO

## CONTRACTOR EXAMINATIONS CANDIDATE INFORMATION BULLETIN

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Please refer to our website to check for the most updated information at [www.psiexams.com](http://www.psiexams.com)

## EXAMINATIONS BY PSI

This Candidate Information Bulletin provides you with information about the approval and examination process for contractor licensure in the State of New Mexico.

**Candidates must be pre approved to take any examination. Please refer to [public.psiexams.com](http://public.psiexams.com) to view our *Frequently Asked Questions* and to download instructional forms and applications. If you have any eligibility questions please call 877 663 9267.**

Note: once you become eligible you must test within 6 months of the date of eligibility. If you do not test within 6 months you will need to reapply with the Division.

The Construction Industries Division of The New Mexico Regulation and Licensing Department (CID) has contracted with PSI to conduct its examination approval process and examination testing. PSI provides examinations through a network of computer examination centers in New Mexico and in many areas throughout the United States. PSI works closely with the State to be certain that examinations meet local as well as national requirements in basic principles and examination development standards.

## EXAMINATION SCHEDULING PROCEDURES

In order to schedule for an examination, you must be pre-approved.

Once you receive your approval, you will be responsible for contacting PSI to schedule an appointment to take an examination and make examination payment arrangements. The examination fee is valid for 1 year from the date PSI receives the fee.

You may only take the following examinations twice during the 6 month eligibility period.

NM Electrical Inspector (General)  
NM Residential Electrical Inspector  
NM General Building Inspector  
NM Mechanical Inspector  
NM Plumbing Inspector  
NM Residential Inspector

For all other examinations, you may not take the same examination more than twice within a 30-day period. If you have two fails within a 30-day period, you must wait 30 days from your 1<sup>st</sup> attempt, before you can test again.

Passing scores are valid for 1 year from the date of your examination.

Fees are listed on the registration form found at the end of this Candidate Information Bulletin.

### INTERNET REGISTRATION

For the fastest and most convenient test scheduling process, PSI recommends that candidates register for their exams using the Internet. Candidates register online by accessing PSI's

registration website at [www.psiexams.com](http://www.psiexams.com). Internet registration is available 24 hours a day.

1. Log onto PSI's website and create an account. Please enter your email address and first and last name. This information must match exactly with the information PSI has on file. Be sure to **check the box next to "Check here to attempt to locate existing records for you in the system"**
2. You will be asked to select the examination and enter your SS#. Your record will be found and you will now be ready to pay and schedule for the exam. Enter your zip code and a list of the testing sites closest to you will appear. Once you select the desired test site, available dates will appear. If you have problems, contact PSI at (800) 733-9267 for help.

### FAX REGISTRATION

For fax registration, you will need a valid credit card (VISA, MasterCard, American Express or Discover).

1. Complete the Examination Registration Form, including your credit card number and expiration date.
2. Fax the completed form to PSI (702) 932-2666. Fax registrations are accepted 24 hours a day.

Please allow 4 business days to process your registration. After 4 business days, you may call PSI to schedule the examination at (800) 733-9267.

### STANDARD MAIL REGISTRATION

1. Complete the Examination Registration Form found in this Candidate Information Bulletin. **BE SURE TO READ ALL DIRECTIONS CAREFULLY BEFORE COMPLETING THE EXAMINATION REGISTRATION FORM. IMPROPERLY COMPLETED FORMS WILL BE RETURNED TO YOU UNPROCESSED.**
2. Return the completed original form to PSI with the appropriate examination fee. Payment of fees may be made by credit card (VISA, MasterCard, American Express or Discover), company check, cashier's check or money order. Check or money order should be made payable to PSI, with your social security noted on it to ensure that your fees are properly assigned. **CASH AND PERSONAL CHECKS ARE NOT ACCEPTED.**

Please allow 7 business days to process your registration before scheduling your examination at (800) 733-9267.

### TELEPHONE REGISTRATION

For telephone registration, you will need a valid credit card (VISA, MasterCard, American Express or Discover).

1. Complete the Examination Registration Form, including your credit card number and expiration date, so that you will be prepared with all of the information needed to register by telephone.
2. PSI registrars are available at (800) 733-9267, Monday through Friday between 5:30 am and 8:00 pm, and Saturday-Sunday between 7:00 am and 3:30 pm, Mountain Time, to receive the information listed on your Examination Registration Form and to schedule your appointment for the examination.



PSI will make every effort to schedule the examination site and time that is most convenient for you. If space is available in the examination site of your choice, you may schedule an examination 1 day prior to the examination date of your choice, up to 6:00 pm. Please be prepared to accept alternate examination appointment choices.

### 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 or use the PSI Website.

**Note: A voicemail or email message is NOT an acceptable form of cancellation. Please use the PSI Website or call PSI to speak directly 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 at least 2 days before the schedule examination date;
- Do not appear for your examination appointment;
- Arrive after examination start time; or
- Do not present proper identification when you arrive for the examination.

### EXAM ACCOMMODATIONS

All examination centers are equipped to provide access in accordance with the Americans with Disabilities Act (ADA) of 1990, and exam accommodations 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 it to PSI (702) 932-2666. This form also includes out-of-state testing requests.

### 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.

## **EXAMINATION SITE LOCATION**

The New Mexico examinations are administered at the PSI examination centers in New Mexico as listed below:

**Albuquerque**  
2820 Broadbent Pkwy NE, Suites E & F  
Albuquerque, NM 87107

*From I-40 W take exit 159D, follow Frontage Rd. N to Menaul Blvd NE, make a left onto Menaul Blvd NE, make a right onto Broadbent Pkwy NE. Building will be on the right.*

### **Farmington**

1307 E. 20th St.  
Farmington, NM 87401

*From E Main St, turn right on Sullivan and turn left on 20<sup>th</sup> St.*

### **Las Cruces**

1001 N. Solano, Suite # D  
Las Cruces, NM 88001

*Take Highway 70 West to Solano. Turn South on Solano and go one block past Spruce to Pinon. The test center is on the Northwest corner of Solano and Pinon.*

### **Roswell**

105 E. Fifth St.  
Roswell, NM 88201

*From US-285 S / US-70 W, turn LEFT onto E 5TH ST.*

### **Santa Fe**

4001 Office Court Drive, Suite 301  
Santa Fe, NM 87507

*From Albuquerque International Sunport Airport: Head East on Sunport Blvd SE. Merge onto I-25 N via the ramp to I-40/Downtown and Santa Fe. Take exit 278 and merge onto Cerrillos Road/NM-14 N. Approximately 2.5 miles north on Cerrillos Road, turn right on Wagon Road. Turn right on Office Court Drive into the office park.*

*From Espanola, NM and North Cities: Head Southeast on East Paseo De Oñate/US-285S/US-84S (toward Calle Espinosa). Continue on Sandia Drive. Slight right at South Riverside Drive/US-285S/US-84S. Turn right on Cerrillos Road. Approximately 5 miles on Cerrillos Road, turn left on Wagon Road. Turn right on Office Court Drive into the office park.*

### **Colorado Examination Site**

*The following site will offer the New Mexico examinations:*

#### **Durango**

799 East 3rd Street, Suite 3  
Durango, CO 81301

*From Hwy 550: Turn East on College Drive. Go straight then turn right on East 8th Avenue. Follow until East 3rd Street. PSI Testing Site is on the right in Suite 3.*

#### **Texas Examination Sites**

*The following sites will offer the New Mexico examinations:*

#### **Amarillo**

4312 Teckla, Suite 500  
Amarillo, TX 79109

*Exit off I-40 to Western and go South one street passed the 7th traffic light to Ridgecrest and turn right. Stay on Ridgecrest until you come to the red brick office complex on the left side corner of Ridgecrest and Teckla. 4312 is the 3<sup>rd</sup> building facing Teckla. Ste 500 is the end suite on the North side of the building.*

*From Canyon, take Bell St exit and go North to traffic light at 45<sup>th</sup> St and turn right. Turn left at the 2<sup>nd</sup> traffic light to Teckla.*

#### **El Paso**

The Atrium  
1155 Westmoreland, Suite 110  
El Paso, TX 79925

*From I-10 W, take the Airways exit North. Turn right at the first light (Viscount). Turn right on Westmoreland Dr.*

#### **Lubbock**

The Center  
4413 82nd St., Suite 210  
Lubbock, TX 79424



From S Loop 289, take the Quaker Ave exit and go South. Turn right on 8<sup>th</sup> St.

### Midland

Westwood Village Shopping Center  
4200 West Illinois Avenue, Suite 200  
Midland, TX 79703

From I-20, take Midkiff Road exit. Go North on Midkiff Road. Take a left on Illinois Ave. Go .8 miles and turn right into Chinese Kitchen's parking lot at 4200 W Illinois. Suite is at the end of the left Strip. From Business 20 (Old Hwy 80) going West, follow Front Street until Wall St Traffic light. Go 2 blocks and turn right on Midkiff. Turn left on Illinois. Go .8 miles and turn right into Chinese Kitchen's parking lot at 4200 W Illinois. Suite is at the end of the left Strip. From North Hwy 349, Look for Loop 250 West (just before overpass). Turn right at Loop and go 2 miles to Exit Midkiff. Turn left at traffic light. Turn right at Illinois traffic signal. Turn right onto Chinese Kitchen's parking Lot at 4200 W Illinois. Suite is at the end of the left Strip.

Additionally, PSI has examination centers in many other regions across the United States. You may take this examination at any of these locations by filling out the Out-of-State Testing Request form found at the end of this Candidate Information Bulletin.

## REPORTING TO THE EXAMINATION SITE

On the day of the examination, you should arrive at least 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 AT EXAMINATION SITE

**You must provide 2 forms of identification.** One must be a VALID form of government issued identification (driver's license, state ID, passport, military ID), which bears your signature and has your photograph. The second ID must have your signature and preprinted legal name. All identification provided must match the name on the Eligibility Letter.

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.**

### SECURITY PROCEDURES

The following security procedures will apply during the examination:

- Candidates may take only approved items into the examination room.
- All personal belongings of candidates, with the exception of close-fitting jackets or sweatshirts, should be placed in the secure storage provided at each site prior to entering the examination room. Personal belongings **include, but are not limited to**, the following items:

- **Electronic devices of any type**, including cellular / mobile phones, recording devices, electronic watches, cameras, pagers, laptop computers, tablet computers (e.g., iPads), music players (e.g., iPods), smart watches, radios, or electronic games.
- **Bulky or loose clothing or coats** that could be used to conceal recording devices or notes, including coats, shawls, hooded clothing, heavy jackets, or overcoats.
- **Hats or headgear not worn for religious reasons** or as religious apparel, including hats, baseball caps, or visors.
- **Other personal items**, including purses, notebooks, reference or reading material, briefcases, backpacks, wallets, pens, pencils, other writing devices, food, drinks, and good luck items.
- Person(s) accompanying an examination candidate may not wait in the examination center, inside the building or on the building's property. This applies to guests of any nature, including drivers, children, friends, family, colleagues or instructors.
- No smoking, eating, or drinking is allowed in the examination center.
- During the check in process, all candidates will be asked if they possess any prohibited items. Candidates may also be asked to empty their pockets and turn them out for the proctor to ensure they are empty. The proctor may also ask candidates to lift up the ends of their sleeves and the bottoms of their pant legs to ensure that notes or recording devices are not being hidden there.
- Proctors will also carefully inspect eyeglass frames, tie tacks, or any other apparel that could be used to harbor a recording device. Proctors will ask to inspect any such items in candidates' pockets.
- If prohibited items are found during check-in, candidates shall put them in the provided secure storage or return these items to their vehicle. PSI will not be responsible for the security of any personal belongings or prohibited items.
- Any candidate possessing prohibited items in the examination room shall immediately have his or her test results invalidated, and PSI shall notify the examination sponsor of the occurrence.
- Any candidate seen giving or receiving assistance on an examination, found with unauthorized materials, or who violates any security regulations will be asked to surrender all examination materials and to leave the examination center. All such instances will be reported to the examination sponsor.
- Copying or communicating examination content is violation of a candidate's contract with PSI, and federal and state law. Either may result in the disqualification of examination results and may lead to legal action.
- Once candidates have been seated and the examination begins, they may leave the examination room only to use the restroom, and only after obtaining permission from the proctor. Candidate will not receive extra time to complete the examination.



## TAKING THE EXAM BY COMPUTER

The examination will be administered via computer. You will be using a mouse and computer keyboard.

### IDENTIFICATION SCREEN

You will be directed to a semiprivate testing station to take the examination. When you are seated at the testing station, you will be prompted to confirm your name, identification number, and the examination for which you are registered.

### TUTORIAL

Before you start your examination, an introductory tutorial is provided on the computer screen. The time you spend on this tutorial, up to 15 minutes, DOES NOT count as part of your examination time. Sample questions are included following the tutorial so that you may practice answering questions, and reviewing your answers.

### TEST QUESTION SCREEN

The “function bar” at the top of the test question screen provides mouse-click access to the features available while taking the examination.



The screenshot shows a computer interface for a test question. At the top, there is a function bar with icons for Mark, Comments, Goto, Help, and End. Below this, a status bar displays: Question: 3 of 40, Answered: 2, Unanswered: 1, Marked: 0, View: All, Time Left(Min): 359. The main question area contains the text: "3. What do the stars on the United States of America's flag represent?". Below the question, it says "(Choose from the following options)". There are four radio button options: "1. Presidents", "2. Colonies", "3. States", and "4. Wars". At the bottom of the question area, there are two buttons: "<< Back" and "Next >>".

One question appears on the screen at a time. During the examination, minutes remaining will be displayed at the top of the screen and updated as you record your answers.

**IMPORTANT:** After you have entered your responses, you will later be able to return to any question(s) and change your response, provided the examination time has not run out.

### EXPERIMENTAL QUESTIONS

In addition to the number of questions per examination, a small number of five to ten “experimental” questions may be administered to candidates during the examinations. These questions will not be scored. The administration of such non-scored experimental questions is an essential step in developing future licensing examinations.

### EXAMINATION REVIEW

PSI, in cooperation with the New Mexico Regulation and Licensing Department, will be consistently evaluating the examinations being administered to ensure that the examinations accurately measure competency in the required knowledge areas. Comments may be entered by clicking on the Comments link on the function bar of the test question screen.

Your comments regarding the questions and the examinations are welcomed. Comments will be analyzed by PSI examination development staff. While PSI does not respond to individuals regarding these comments, all substantive comments are reviewed.

If a discrepancy is found during the comment review, PSI and the department may re-evaluate candidate results and adjust them accordingly. **This is the only review of examination materials available to applicants.**

## SCORE REPORTING

Your score will be given to you immediately following completion of the examination. The following summary describes the score reporting process:

- **On screen** - your score will appear immediately on the computer screen. This will happen automatically at the end of the time allowed for the examination;
  - If you **pass**, you will immediately receive a successful notification.
  - If you **do not pass**, you will receive a diagnostic report indicating your strengths and weaknesses by examination type with the score report.
- **On paper** - an unofficial score report will be printed at the examination site.

### DUPLICATE SCORE REPORTS

You may request a duplicate score report after your examination by emailing [scorereport@psionline.com](mailto:scorereport@psionline.com) or by calling 800-733-9267.

## TIPS FOR PREPARING FOR YOUR LICENSE EXAMINATION

The following suggestions will help you prepare for your examination.

- Planned preparation increases your likelihood of passing.
- Start with a current copy of this Candidate Information Bulletin and use the examination content outline as the basis of your study.
- Read study materials that cover all the topics in the content outline.
- Take notes on what you study. Putting information in writing helps you commit it to memory and it is also an excellent business practice. Discuss new terms or concepts as frequently as you can with colleagues. This will test your understanding and reinforce ideas.
- Your studies will be most effective if you study frequently, for periods of about 45 to 60 minutes. Concentration tends to wander when you study for longer periods of time.



## EXAMINATION REFERENCE MATERIAL AND CONTENT OUTLINE

If a test question answer could differ because of conflicting information in test reference sources, a legal requirement such as code, law, or regulation overrides any other reference. If two legal requirements appear to conflict, the state-specific code, law, or regulation overrides the national one. Information from sources on the test reference list override information from other sources or persons.

Many of the reference materials listed are available for purchase at [www.psionlinestore.com](http://www.psionlinestore.com) or by calling the PSI Online Store, toll-free, at (866) 589-3088. Titles currently in stock are listed on the order form near the end of this candidate information bulletin.

**Contractor only:** In addition to the trade-specific examination(s) you must either pass the Business and Law offered by PSI or take an "approved" Business and Law Course. Please see the list of schools that offer an approved course at [public.psiexams.com](http://public.psiexams.com). The State of New Mexico or PSI does NOT sponsor these schools.

You must pass the Business and Law examination and the Trade examination within 1 year. For example, if you pass the Trade examination and fail the Business and Law examination, you must retake and pass the Business and Law examination within 1 year of the pass date on the Trade examination.

## Business and Law Examination

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	130 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Licensing Requirements	8
Estimating and Bidding	5
Business Organization and Financial Management	8
Tax Laws	5
Labor Laws	4
Project Management and Lien Law	5
Contracts	8
Risk Management	4
Environmental and Safety	3

### REFERENCE LIST

The reference materials listed below were 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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

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

- *Contractors' Guide to Business, Law and Project Management*, 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)
- *New Mexico Construction Industries Licensing Act (NMSA Chapter 60, Article 13)*, 2006, Conway Greene Co., (216) 619-8091
- *New Mexico Contractor's License Requirement (NMAC Title 14, Chapter 6, Part 3)*, 2006, New Mexico Commission of Public Records, (505) 476-7900



## Electrical Inspector (General)

# of Questions	% Required to Pass	Time Allowed
80	75% (60 points)	210 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	8
Services, Feeders, and Branch Circuits	10
Overcurrent Protection	6
Grounding and Bonding	9
Conductors and Cables	8
Raceways and Boxes	7
Hazardous Locations, Special Occupancies, and Special Equipment	8
Lighting, Signs, and General-Use Equipment	6
Motors, Transformers, and Generators	6
New Mexico State Code	6
Low Voltage	6

### 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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

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

- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *New Mexico Electrical Code* (NMAC 14.10.4), 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will **not** be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.

## General Building Inspector

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	150 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Sitework, Footings, and Foundations	10
Concrete and Concrete Reinforcement	4
Masonry	4
Carpentry	12
Metals	4
Roofing	8
Associated Trades	4
General Code	4

### REFERENCE LIST

The reference materials listed below were 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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

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

- *New Mexico Residential Building Code* (NMAC 14.7.3), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *New Mexico Commercial Building Code* (NMAC 14.7.2), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will **not** be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.



## Mechanical Inspector

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	125 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge	6
Piping - Refrigeration, Gas, Hydronic	10
Gas Sizing	2
Controls and Testing	4
Appliances - Heating and Cooling	10
Combustion Air	5
Chimneys, Flues and Vents	7
Ducts	6

### 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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

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

- *New Mexico Mechanical Code (NMAC 14.9.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.*
- *Uniform Mechanical Code, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).*
- *New Mexico Plumbing Code (NMAC 14.8.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.*
- *Uniform Plumbing Code, 2009 or 2012, International Association of Plumbing and Mechanical Officials (IAPMO), 2012, (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).*

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will not be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.

## Plumbing Inspector

# of Questions	% Required to Pass	Time Allowed
75	75% (57 points)	200 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Drainage Waste and Vents	20
Water Supply Systems	10
Backflow Prevention	8
Storm Drainage Systems	5
Plumbing Fixtures, Including Water Heaters	9
General Regulations	12
Interceptors and Traps	6
Septic and Sewer	5

### REFERENCE LIST

The reference materials listed below were 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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

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

- *New Mexico Plumbing Code (NMAC 14.8.2), 2009 or 2012\*, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.*
- *Uniform Plumbing Code, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).*
- *NFPA 54 - National Fuel Gas Code, 2006, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)*
- *New Mexico Liquid Waste Disposal Regulations (NMAC 20.7.3), 2005, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700*
- *New Mexico Mechanical Code (NMAC 14.9.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.*
- *Uniform Mechanical Code, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).*

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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 examination begins.

## Residential Electrical Inspector

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	120 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	7
Services, Feeders, and Branch Circuits	10
Overcurrent Protection	4
Grounding and Bonding	6
Conductors and Cables	7
Raceways and Boxes	5
Special Occupancies and Special Equipment, including Pools	2
Lighting and General-Use Equipment	2
New Mexico State Code	5
Low Voltage	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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

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

- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, <http://www.nfpa.org>
- *New Mexico Electrical Code (NMAC 14.10.4), 2014*, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700

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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 examination begins.

## Residential Inspector

# of Questions	% Required to Pass	Time Allowed
40	75% (30 points)	100 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Sitework, Footings, and Foundations	4
Concrete and Concrete Reinforcement	5
Masonry	5
Carpentry	8
Roofing	15
General Code	3

### REFERENCE LIST

The reference materials listed below were 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.

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This examination is OPEN BOOK.

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

- New Mexico Administrative Code Title 14, 2004
- *New Mexico Residential Building Code (NMAC 14.7.3), 2009*, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *New Mexico Commercial Building Code (NMAC 14.7.2), 2009*, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Residential Code for One- and Two-Family Dwellings, 2015*, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will **not** be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.



## EE-98 Residential and Commercial Electrical Part 1 (Commercial and Industrial)

# of Questions	% Required to Pass	Time Allowed
80	75% (60 points)	200 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	13
Services, Feeders, and Branch Circuits	10
Overcurrent Protection	5
Grounding and Bonding	10
Conductors and Cables	8
Raceways and Boxes	8
Hazardous Locations, Special Occupancies, and Special Equipment	10
Lighting, Signs, and General-Use Equipment	6
Motors, Transformers, and Generators	6
New Mexico State Code	4

### REFERENCE LIST

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

- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *New Mexico Electrical Code (NMAC 14.10.4), 2014*, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *National Electrical Safety Code, 2007*, Institute of Electrical and Electronics Engineers, Inc., (732) 981-0060, [www.ieee.org](http://www.ieee.org)

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

- *American Electricians' Handbook*, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- *Ugly's Electrical References*, George V. Hart, 2008, 2011, or 2014 edition, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net)
- *Lineman's and Cableman's Handbook*, Shoemaker and Mack, 12th Edition, 2011, McGraw Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)

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## EE-98 Residential and Commercial Electrical Part 2 (Residential)

# of Questions	% Required to Pass	Time Allowed
40	75% (30 points)	100 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	7
Services, Feeders, and Branch Circuits	8
Overcurrent Protection	3
Grounding and Bonding	4
Conductors and Cables	4
Raceways and Boxes	4
Special Occupancies and Special Equipment, including Pools	3
Lighting and General-Use Equipment	3
New Mexico State Code	4

### REFERENCE LIST

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- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *New Mexico Electrical Code (NMAC 14.10.4), 2014*, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700



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

- *American Electricians' Handbook*, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- *Ugly's Electrical References*, George V. Hart, 2008, 2011, or 2014 edition, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net)

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### EE-98 Residential and Commercial Electrical Part 3 (Specialties)

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	135 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Low Voltage, including Alarms	20
Electrical Signs and Outline Lighting	5
Cathodic Protection and Lightning Protection Systems	5
Telephone and Computer Systems	10
Sound and Communication Systems	10

#### REFERENCE LIST

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The following reference materials are allowed in the examination center:

- *NFPA 72 - National Fire Alarm Code*, 2010, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)

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

- *American Electricians' Handbook*, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- *Telecommunications Wiring*, Clyde Herrick, 2001, 3<sup>rd</sup> Edition, Prentice-Hall PTR, (800) 382-3419, [www.prenhall.com](http://www.prenhall.com)
- *Understanding and Servicing Alarm Systems*, 1999, 3<sup>rd</sup> Edition, Butterworth-Heinemann (Reed Publishing), (800) 545-2522, [www.bh.com](http://www.bh.com)
- *Ugly's Electrical References*, George V. Hart, 2008, 2011, or 2014 edition, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net)
- *Telecommunications Distribution Methods Manual*, 2003, 10<sup>th</sup> Edition, BICSI, (813) 979-1991, [www.bicsi.org](http://www.bicsi.org)
- *NFPA 75 - Standard for the Protection of Electronic Computer/Data Processing Equipment*, 2003, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *Live Sound Reinforcement: A Comprehensive Guide to P.A. and Music Reinforcement Systems and Technology -OR- Live Sound Reinforcement, Bestseller Edition*, Scott Hunter Stark, [www.amazon.com](http://www.amazon.com)
- *Data, Voice, and Video Cabling*, 3<sup>rd</sup> Edition, 2009, The Fiber Optic Association, Jim Hayes and Paul Rosenberg, [www.cengage.com](http://www.cengage.com)

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### EL-1 Electrical Distribution Systems, including Transmission Lines

# of Questions	% Required to Pass	Time Allowed
100	75% (75 points)	265 Minutes



## CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	12
Electrical Supply/SubStations	6
Transformers	12
Conductors	12
Poles and Structures	10
Grounding Methods	10
Overhead	8
Underground	8
Equipment and Safety	12
Equipment over 600 Volts	10

### REFERENCE LIST

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This examination is OPEN BOOK.

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- *New Mexico Electrical Code (NMAC 14.10.4)*, 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *National Electrical Safety Code, 2007*, Institute of Electrical and Electronics Engineers, Inc., (732) 981-0060, [www.ieee.org](http://www.ieee.org)

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

- *American Electricians' Handbook*, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- *Lineman's and Cableman's Handbook*, Shoemaker and Mack, 12th Edition, 2011, McGraw Hill, 800-262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)

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## ER-1 Residential Electrical Wiring

# of Questions	% Required to Pass	Time Allowed
80	75% (60 points)	180 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	17
Services, Feeders, and Branch Circuits	17
Overcurrent Protection	4
Grounding and Bonding	8
Conductors and Cables	9
Raceways and Boxes	9
Special Occupancies and Special Equipment, including Pools	3
Lighting and General-Use Equipment	3
New Mexico State Code	6
Low Voltage	4

### REFERENCE LIST

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- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *New Mexico Electrical Code (NMAC 14.10.4)*, 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700

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

- *American Electricians' Handbook*, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- *Ugly's Electrical References*, George V. Hart, 2008, 2011, or 2014 edition, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net)

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### ES-1 Electrical Signs and Outline Lighting

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	120 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Theory	15
Wiring and Protection	8
Wiring Methods and Material	12
Equipment For General Use	5
Special Occupancies	5
Special Equipment	5

#### REFERENCE LIST

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

- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, <http://www.nfpa.org>
- *New Mexico Electrical Code (NMAC 14.10.4)*, 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700

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

- *Neon Techniques*, Wayne Strattman, 2003, 4th edition, ST Publications, Inc., (800) 925-1110, [www.stpubs.com](http://www.stpubs.com)
- *American Electricians' Handbook*, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)

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### ES-2 Cathodic Protection and Lightning Protection Systems

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	120 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
General Electrical Knowledge	15
National Electrical Code	15
Lightning Protection	10
Cathodic Protection	10

#### REFERENCE LIST

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This examination is OPEN BOOK.

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

- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, <http://www.nfpa.org>
- *NFPA 780 - Installation of Lightning Protection Systems*, 2004, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *New Mexico Electrical Code (NMAC 14.10.4)*, 2014, <http://www.nmcpr.state.nm.us/NMAC>, (505) 476-4700

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

- *American Electricians' Handbook*, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- *Pipe Line Corrosion and Cathodic Protection*, Marshall E. Parker, Edward G. Peattie, 1999, 3<sup>rd</sup> edition, Gulf Professional Publishing Company, (800) 545-2522, [www.gulfpublishing.com](http://www.gulfpublishing.com)



- *Handbook of Cathodic Corrosion Protection*, W. Von Baekmann, 1997, 3<sup>rd</sup> edition, Gulf Publishing Company, (715) 529-4301, [www.gulfpub.com](http://www.gulfpub.com)
- *Control of Pipeline Corrosion*, A.W. Peabody, 2001, 2<sup>nd</sup> edition, National Association of Corrosion Engineers (NACE), (800) 797-6223, [www.nace.org](http://www.nace.org)
- *Ugly's Electrical References*, George V. Hart, 2008, 2011, or 2014 edition, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net)

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### ES-3 Low Voltage Special Systems (under 50 Volts)

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	145 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Grounding and Bonding	4
Conductors	4
Electrical Power Conditioning	2
Electrical and Electronic Knowledge	6
General Low Voltage	3
Sound and Video Systems	5
Intrusion Detection and Alarms	4
Fire Detection and Alarms	7
Computer and Data Systems	5
CCTV Systems	2
Testing Equipment	2
CATV and MATV Systems	2
Applied Systems Design	4

#### REFERENCE LIST

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This examination is OPEN BOOK.



The following reference materials are allowed in the examination center:

- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 72 - National Fire Alarm Code, 2010*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *New Mexico Electrical Code (NMAC 14.10.4)*, 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700

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

- *Low Voltage Wiring: Security/Fire Alarm Systems*, John E. Traister and Terry Kennedy, 2002, 3<sup>rd</sup> Edition, McGraw-Hill, (800) 262-4729, [www.books.mcgraw-hill.com](http://www.books.mcgraw-hill.com)
- *Telecommunications Wiring*, Clyde Herrick, 2001, 3<sup>rd</sup> Edition, Prentice-Hall PTR, (800) 382-3419, [www.prenhall.com](http://www.prenhall.com)
- *Understanding and Servicing Alarm Systems*, 1999, 3<sup>rd</sup> Edition, Butterworth-Heinemann (Reed Publishing), (800) 545-2522, [www.bh.com](http://www.bh.com)
- *Live Sound Reinforcement: A Comprehensive Guide to P.A. and Music Reinforcement Systems and Technology -OR- Live Sound Reinforcement, Bestseller Edition*, Scott Hunter Stark, [www.amazon.com](http://www.amazon.com)
- *Data, Voice, and Video Cabling*, 3rd Edition, 2009, The Fiber Optic Association, Jim Hayes and Paul Rosenberg, [www.cengage.com](http://www.cengage.com)
- *Antenna Toolkit*, Joe Carr, 2001, 2nd edition, Butterworth-Heinemann (Reed Publishing), (800) 545-2522, [www.bh.com](http://www.bh.com)

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### ES-7 Telephone Communication Systems and Telephone Interconnect Systems

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	145 Minutes

## CONTENT OUTLINE

Subject Area	# of Items
Grounding and Bonding	5
Conductors	5
Special Occupancies and Equipment	2
General Electrical Knowledge	5
Communication Systems	5
Outside Cabling	5
Cable Transmission and Reception	2
Poles	2
Inside Cabling	5
Network/Data	5
Switching	2
Telephones	3
Underground Cabling	4

### REFERENCE LIST

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This examination is OPEN BOOK.

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

- *NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook*, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *New Mexico Electrical Code (NMAC 14.10.4)*, 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *National Electrical Safety Code - C2*, 2007, Institute of Electrical and Electronics Engineers, Inc., (732) 981-0060, [www.ieee.org](http://www.ieee.org)

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

- *Telecommunications Wiring*, Clyde Herrick, 2001, 3<sup>rd</sup> Edition, Prentice-Hall PTR, (800) 382-3419, [www.prenhall.com](http://www.prenhall.com)
- *Lineman's and Cableman's Handbook*, Shoemaker and Mack, 12th Edition, 2011, McGraw Hill, 800-262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- *Direct Current Fundamentals*, Stephen L. Herman, 2006, 7th edition, Thomson Delmar Learning, (800) 347-7707, [www.delmarlearning.com](http://www.delmarlearning.com)
- *Live Sound Reinforcement: A Comprehensive Guide to P.A. and Music Reinforcement Systems and Technology - OR- Live Sound Reinforcement, Bestseller Edition*, Scott Hunter Stark, [www.amazon.com](http://www.amazon.com)
- *Data, Voice, and Video Cabling*, 3rd Edition, 2009, The Fiber Optic Association, Jim Hayes and Paul Rosenberg, [www.cengage.com](http://www.cengage.com)

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## ES-10 Water Well Pump Installer

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	120 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	8
Feeders and Branch Circuits	4
Overcurrent Protection	3
Grounding and Bonding	8
Conductors and Cables	5
Raceways and Boxes	5
Panelboards and Switchboards	5
Motors, Pumps, and Controls	6
Solar PV Systems	3
New Mexico Electrical Code	3

### REFERENCE LIST

The reference materials listed below were 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.

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- *New Mexico Electrical Code (NMAC 14.10.4)*, 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *National Electrical Safety Code*, 2007, Institute of Electrical and Electronics Engineers, Inc., (732) 981-0060, [www.ieee.org](http://www.ieee.org)



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

- American Electricians' Handbook, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- Ugly's Electrical References, George V. Hart, 2008, 2011, or 2014 edition, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net)

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### ES-10R Residential Water Well Pump Installer

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	120 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Electrical Installation Requirements	9
Feeders and Branch Circuits	5
Overcurrent Protection	3
Grounding and Bonding	9
Conductors and Cables	5
Raceways and Boxes	5
Panelboards and Switchboards	3
Motors, Pumps, and Controls	5
Solar PV Systems	3
New Mexico Electrical Code	3

#### REFERENCE LIST

The reference materials listed below were 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.

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The following reference materials are allowed in the examination center:

- NFPA 70 - National Electrical Code, 2014, or The National Electrical Code Handbook, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- New Mexico Electrical Code (NMAC 14.10.4), 2014, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- National Electrical Safety Code, 2007, Institute of Electrical and Electronics Engineers, Inc., (732) 981-0060, [www.ieee.org](http://www.ieee.org),

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

- American Electricians' Handbook, Croft, Hartwell, and Summers, 16th Edition, 2013, McGraw-Hill, (800) 262-4729, [shop.mcgraw-hill.com](http://shop.mcgraw-hill.com)
- Ugly's Electrical References, George V. Hart, 2008, 2011, or 2014 edition, Jones and Bartlett, (800) 832-0034, [www.uglys.net](http://www.uglys.net)

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### GA-1 Streets, Roads, and Highways

# of Questions	% Required to Pass	Time Allowed
60	75% (45 points)	185 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Bituminous Surface Treatments and Pavement	15
Earthwork	12
Project Management (Planning, Estimating, Basis of Payment, One Call)	10
Heavy Equipment / Safety	5
Portland Cement Surface Treatments and Pavement	5
Erosion Control	4
Surveying	4
Miscellaneous (Curbs and Gutters, Concrete Wall Barrier, Fences, Signs)	5

#### REFERENCE LIST

The reference materials listed below were 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.

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This examination is OPEN BOOK.

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

- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1) - OR - *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088, [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *Hot-Mix Asphalt Paving Handbook*, Carl L. Monismith, Rita B. Leahy, John A. Epps, 2000, American Association of State Highway Transportation Officials, (202) 624-5800, [bookstore.transportation.org](http://bookstore.transportation.org)
- *Manual on Uniform Traffic Control Devices for Streets and Highways*, 2003, US Department of Transportation - Federal Highway Administration, (202) 366-0537, <http://www.fhwa.dot.gov/>
- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)
- *Storm Water Management for Construction Activities*, 1992, Environmental Protection Agency, (202) 272-0167, [www.epa.gov](http://www.epa.gov)
- *Asphalt in Pavement Maintenance (MS-16)*, 3<sup>rd</sup> edition, Asphalt Institute, (859) 288-4960, [www.asphaltinstitute.org](http://www.asphaltinstitute.org)
- *New Mexico One Call Excavator Handbook*, 2004, New Mexico One Call, (800) 321-2537, [www.nmonecall.org](http://www.nmonecall.org)
- *New Mexico Department of Transportation Active Standard Drawing Master List and Standard Drawings*, 2006, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)
- *Design and Construction of Urban Storm Water Management Systems*, 1992 American Society of Civil Engineers, [www.asce.org](http://www.asce.org)

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## GA-2 Maintenance and Repair

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	120 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Bituminous Surface Treatments and Pavements	15
Project Management (Planning, Estimating, Basis of Payment)	5
Portland Cement Surface Treatments and Pavements	5
Heavy Equipment / Safety	5

### REFERENCE LIST

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- *Asphalt in Pavement Maintenance (MS-16)*, 3<sup>rd</sup> edition, Asphalt Institute, (859) 288-4960, [www.asphaltinstitute.org](http://www.asphaltinstitute.org)
- *Hot-Mix Asphalt Paving Handbook*, Carl L. Monismith, Rita B. Leahy, John A. Epps, 2000, American Association of State Highway Transportation Officials, (202) 624-5800, [bookstore.transportation.org](http://bookstore.transportation.org)
- *Manual on Uniform Traffic Control Devices for Streets and Highways*, 2003, US Department of Transportation - Federal Highway Administration, (202) 366-0537, <http://www.fhwa.dot.gov/>
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)
- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)



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- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)
- *New Mexico One Call Excavator Handbook*, 2004, New Mexico One Call, (800) 321-2537, [www.nmonecall.org](http://www.nmonecall.org)
- *Design and Construction of Urban Storm Water Management Systems*, 1992 American Society of Civil Engineers, [www.asce.org](http://www.asce.org)

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### GA-3 Curbs, Gutters, and Culverts

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	125 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Earthwork / Surveying	8
Concrete	5
Curbs and Gutters	5
Culverts	4
Project Management (Planning, Estimating, Basis of Payment, One Call)	4
Heavy Equipment / Safety	4

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OR  
*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088, [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)

### GA-4 Striping

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	75 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Pavement Markings	16
Planning	6
Equipment/Safety	3
Estimating/Basis of Payment	5

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

- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)



- *Manual on Uniform Traffic Control Devices for Streets and Highways*, 2003, US Department of Transportation - Federal Highway Administration, (202) 366-0537, <http://www.fhwa.dot.gov/>
- *"Greenbook" - Standard Specifications for Public Works Construction*, 2006, BNi Publications, Inc., (888) 264-7483, [www.bnibooks.com](http://www.bnibooks.com)

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- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)
- *Manual on Uniform Traffic Control Devices for Streets and Highways*, 2003, US Department of Transportation - Federal Highway Administration, (202) 366-0537, <http://www.fhwa.dot.gov/>

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### GA-5 Highway Signs and Guard Rails

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	75 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Metal Barriers, Barricades, Traffic Control Devices	12
Highway Signs	5
Equipment Safety	3
Estimating/Basis of Payment	5
Planning	5

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This examination is OPEN BOOK.

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

- *New Mexico Department of Transportation Active Standard Drawing Master List and Standard Drawings*, 2006, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)

### GB-2 Residential Building Contractor Part 1 Examination

# of Questions	% Required to Pass	Time Allowed
80	75% (60 points)	225 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Sitework, Footings, and Foundations	9
Concrete and Concrete Reinforcement	9
Masonry	6
Carpentry	12
Roofing	10
Associated Trades	12
General Code, Plan Reading, and Estimating	14
OSHA Safety	8

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



## CONTENT OUTLINE

Subject Area	# of Items
Sitework, Footings, and Foundations	10
Concrete and Concrete Reinforcement	15
Masonry	10
Carpentry	6
Metals	10
Roofing	6
Associated Trades	10
General Code, Plan Reading, and Estimating	27
OSHA Safety	6

## REFERENCE LIST

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This examination is OPEN BOOK.

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

- New Mexico Administrative Code Title 14, 2004
- *New Mexico Commercial Building Code* (NMAC 14.7.2), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *Principles and Practices of Commercial Construction*, Cameron K. Andres and Ronald C. Smith, 2014, 9th Edition, Pearson Education, Inc., [www.phcatalog.pearson.com](http://www.phcatalog.pearson.com)
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15th Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)
- *Placing Reinforcing Bars*, 2011, 9th Edition, Concrete Reinforcing Steel Institute, (800) 328-6306, [www.crsi.org](http://www.crsi.org)
- *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)
- *SDI Manual of Construction with Steel Deck*, 2006, 2nd Edition, Steel Deck Institute, (847) 458-4647, [www.sdi.org](http://www.sdi.org)
- *Training and Certification of Field Personnel for Unbonded Post-Tensioning - Level 1 Field Fundamentals*, 2003, 3rd Edition, Post-Tensioning Institute, (602) 870-7540, [www.post-tensioning.org](http://www.post-tensioning.org)
- *Erectors' Manual - Standards and Guidelines for the Erection of PreCast Concrete Products*, 1999, 2nd Edition, Precast/Prestressed Concrete Institute (PCI), (312) 786-0300, [www.pci.org](http://www.pci.org)
- *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).
- *Carpentry and Building Construction*, 2010 or 2016 (Student Edition), John L. Feirer and Mark D. Feirer, McGraw-Hill, [www.mheducation.com](http://www.mheducation.com)

- *New Mexico Administrative Code Title 14*, 2004
- *New Mexico Residential Building Code* (NMAC 14.7.3), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Energy Conservation Code*, 2009, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org)
- *The Contractor's Guide to Quality Concrete Construction*, 2005, 3rd Edition, American Concrete Institute, (248) 848-3700, [www.concrete.org](http://www.concrete.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)
- *BCSI: Guide to Good Practice for Handling, Installing, Restraining, and Bracing of Metal Plate Connected Wood Trusses*, 2013 (updated March 2015), Structural Building Components Association and Truss Plate Institute, (608) 274-4849, [www.sbcindustry.com](http://www.sbcindustry.com)
- *Carpentry and Building Construction*, 2010 or 2016 (Student Edition), John L. Feirer and Mark D. Feirer, McGraw-Hill, [www.mheducation.com](http://www.mheducation.com)
- *Modern Masonry - Brick, Block, Stone*, Clois E. Kicklighter, 8<sup>th</sup> edition, 2015, The Goodheart-Willcox Company, (800) 323-0440, [www.goodheartwillcox.com](http://www.goodheartwillcox.com)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)

OR

*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088, [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)

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### **GB-98 General Building Contractor Part 2 Examination**

# of Questions	% Required to Pass	Time Allowed
100	75% (75 points)	310 Minutes



- *Modern Masonry - Brick, Block, Stone*, Clois E. Kicklighter, 8<sup>th</sup> edition, 2015, The Goodheart-Willcox Company, (800) 323-0440, [www.goodheartwillcox.com](http://www.goodheartwillcox.com)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)  
OR  
*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- ACI 530/530.1-11 or ACI 530/530.1-13 (2011 or 2013): *Building Code Requirements and Specification for Masonry Structures and Companion Commentaries*, American Concrete Institute, (248) 848-3700, [www.concrete.org](http://www.concrete.org)
- ACI 318-11 or ACI 318-14 (2011 or 2014): *Building Code Requirements for Structural Concrete and Commentary*, American Concrete Institute, (248) 848-3700, [www.concrete.org](http://www.concrete.org)

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will not be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.

## GF-CORE

# of Questions	% Required to Pass	Time Allowed
40	75% (30 points)	100 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Stormwater Management	10
OSHA Safety	8
Project Management	6
Surveying / Layout	5
New Mexico One-Call	6
Building Code / Inspections	5

### REFERENCE LIST

The reference materials listed below were 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, non-printing, non-programmable calculator in the examination center. This examination is OPEN BOOK.

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

- *Storm Water Management for Construction Activities*, 1992, Environmental Protection Agency, (202) 272-0167, [www.epa.gov/npdes/pubs/owm0307.pdf](http://www.epa.gov/npdes/pubs/owm0307.pdf)
- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *New Mexico One Call Excavator Handbook*, 2004, New Mexico One Call, (800) 321-2537, [www.nmonecall.org](http://www.nmonecall.org)
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)  
OR  
*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)

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## GF-1 Airports

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	75 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Sitework	10
Runways	15
FAA Regulations	3
Lighting	2



**REFERENCE LIST**

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This examination is OPEN BOOK.

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

- *Soils and Foundations*, Cheng Liu and Jack B. Evett, 2008, 7<sup>th</sup> edition, Pearson Education, Inc., (201) 236-7000, <http://www.pearsoned.com/>
- *Airport Construction Standards - FAA Advisory Circular AC 150/5370-10*, 2011, Federal Aviation Administration, (866) 835-5322, [www.faa.gov](http://www.faa.gov)

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**GF-2 Bridges**

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	75 Minutes

**CONTENT OUTLINE**

Subject Area	# of Items
Sitework	10
Concrete	6
Metals	3
Asphalt Pavement	6
Rigging	3
Project Management	2

**REFERENCE LIST**

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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.

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This examination is OPEN BOOK.

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

- *Construction Handbook for Bridge Temporary Works*, 1995, 1<sup>st</sup> edition, American Association of State Highway Transportation Officials, (202) 624-5800, [bookstore.transportation.org](http://bookstore.transportation.org)
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)
- *Handbook of Rigging*, 5th Edition, 2009, W.E. Rossnagel, McGraw-Hill, P.O. Box 182605, Columbus, OH 43218-2605, (800) 338-3987, [www.McGraw-hill.com](http://www.McGraw-hill.com)
- *Hot-Mix Asphalt Paving Handbook*, Carl L. Monismith, Rita B. Leahy, John A. Epps, 2000, American Association of State Highway Transportation Officials, (202) 624-5800, [bookstore.transportation.org](http://bookstore.transportation.org)
- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)
- *Construction Planning, Equipment, and Methods*, Robert L. Peurifoy, 2005, 7<sup>th</sup> edition, McGraw-Hill, (800) 262-4729, [www.books.mcgraw-hill.com](http://www.books.mcgraw-hill.com)

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**GF-3 Canals, Reservoirs, or Irrigation Systems**

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	80 Minutes

**CONTENT OUTLINE**

Subject Area	# of Items
Irrigation	10
Concrete	5
Sitework	15



**REFERENCE LIST**

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This examination is OPEN BOOK.

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

- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com](http://www.craftsman-book.com)
- *Simplified Irrigation Design*, Pete Melby, 1995, 2<sup>nd</sup> edition, John Wiley and Sons, Inc., (201) 748-6000, [www.wiley.com](http://www.wiley.com)
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)

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**GF-4 Drainage or Flood Control Systems**

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	75 Minutes

**CONTENT OUTLINE**

Subject Area	# of Items
Earthwork	9
Culverts and Pipe	9
Concrete	9
Project Management	3

**REFERENCE LIST**

The reference materials listed below were 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.

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

- *Design and Construction of Urban Storm Water Management Systems*, 1992 American Society of Civil Engineers, [www.asce.org](http://www.asce.org)
- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)
- *Construction Planning, Equipment, and Methods*, Robert L. Peurifoy, 2010, McGraw-Hill, (800) 262- 4729, [www.books.mcgraw-hill.com](http://www.books.mcgraw-hill.com)
- DIPRA Installation Guide for Ductile Iron Pipe, 2007 (revised 2012), Ductile Iron Pipe Research Association, [www.dipra.org](http://www.dipra.org)

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**GF-5 Recreation Areas**

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	80 Minutes

**CONTENT OUTLINE**

Subject Area	# of Items
Sitework	15
Irrigation	6
Concrete	5
Project Management	4

**REFERENCE LIST**

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This examination is OPEN BOOK.

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

- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, <http://www.craftsman-book.com/products>
- *Design and Construction of Urban Storm Water Management Systems*, 1992 American Society of Civil Engineers, [www.asce.org/](http://www.asce.org/)
- *Simplified Irrigation Design*, Pete Melby, 1995, 2<sup>nd</sup> edition, John Wiley and Sons, Inc., (201) 748-6000, [www.wiley.com](http://www.wiley.com)
- *Soils and Foundations*, Cheng Liu and Jack B. Evett, 2008, 7<sup>th</sup> edition, Pearson Education, Inc., (201) 236-7000, <http://www.pearsoned.com>
- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us](http://www.nmshtd.state.nm.us)

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## GF-6 Railroad and Tunnel Construction

### SCOPE OF WORK

Railroad and tunnel construction. Construct railroad lines, including clearing, filling, shaping, compacting, placing rip-rap, stabilizing, setting roadbeds, ties, tie plates, rails, rail connectors, frogs, switch plates, switches, and all appurtenances necessary for an operational railroad line, including bridges, culverts, tunnels, retaining walls, dikes, fences, gates, tool sheds and landing or parking platforms for equipment. Includes welding operations necessary for rail construction.

You will be allowed 2 hours to write an essay examination describing, in as much detail as possible, the tasks required to perform the above license classification. We want to know how you would do each task (using the labor, material, and equipment required) on a step-by-step basis. You may describe projects that you have done to completely explain the knowledge, skills and abilities required to perform a quality job in a safe and efficient manner.

This examination is CLOSED BOOK.

## GF-7 Tanks and Towers

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	80 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Miscellaneous Structures	7
Sitework / Excavation	3
Welding	4
Paving and Surfacing	3
Tanks	10
Towers	3

### REFERENCE LIST

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This examination is OPEN BOOK.

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

- *Welded Carbon Steel Tanks for Water Storage - AWWA Standard*, 2011, American Water Works Association, (800) 926-7335, [www.awwa.org](http://www.awwa.org).
- *Hot-Mix Asphalt Paving Handbook*, Carl L. Monismith, Rita B. Leahy, John A. Epps, 2000, American Association of State Highway Transportation Officials, (202) 624-5800, [bookstore.transportation.org](http://bookstore.transportation.org)
- *Recommended Practices for Installation of Underground Liquid Storage Systems (RP100)*, 2011, Petroleum Equipment Institute, (918) 494-9696, [www.pei.org](http://www.pei.org)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *Steel Water-Storage Tanks - AWWA Manual M42*, 2013, American Water Works Association, (800) 926-7335, [www.awwa.org](http://www.awwa.org)

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permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.

### GF-8 Transmission Lines, Tanks, and Substations (Non-Electrical)

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	125 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Tanks and Pipelines	12
Miscellaneous Structures / Corrosion Protection	6
Welding	4
Heavy Equipment / Safety	4
Paving and Surfacing	4

#### REFERENCE LIST

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- OR
- *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *49 CFR Parts 178-199 (Transportation)*, 2004, Subchapter D, Pipeline Safety, [www.bookstore.gpo.gov](http://www.bookstore.gpo.gov) OR [www.osha.gov](http://www.osha.gov)
- *Handbook of Rigging*, 5th Edition, 2009, W.E. Rossnagel, McGraw-Hill, P.O. Box 182605, Columbus, OH 43218-2605, (800) 338-3987, [www.McGraw-hill.com](http://www.McGraw-hill.com)
- *Hot-Mix Asphalt Paving Handbook*, Carl L. Monismith, Rita B. Leahy, John A. Epps, 2000, American Association of State Highway Transportation Officials, (202) 624-5800, [bookstore.transportation.org](http://bookstore.transportation.org)

- *Modern Welding*, 2013, 11<sup>th</sup> Edition, Althouse/Turnquist/Bowditch/Bowditch/Bowditch, 978-1-60525-795-2, The Goodheart-Willcox Company, Inc., 18604 West Creek Dr., Tinley Park, IL 60477-6243, (800) 323-0440, <http://www.g-w.com/>
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, <http://www.craftsman-book.com/products>
- *Design and Construction of Large, Welded, Low-Pressure Storage Tanks - API Standard 620*, 2002, 10th edition, American Petroleum Institute, (202) 682-8000, <http://www.api.org>
- *Welded Steel Tanks for Oil Storage - API Standard 650*, 2013 (12<sup>th</sup> edition) with Addenda through 2016, American Petroleum Institute, (202) 682-8000, <http://www.techstreet.com>.

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### GF-9 Utility Lines

# of Questions	% Required to Pass	Time Allowed
35	75% (27 points)	90 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Pipe/Miscellaneous Structures	15
Earthwork	7
Surface Repair	5
Project Management	8

#### REFERENCE LIST

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

This examination is OPEN BOOK.



The following reference materials are allowed in the examination center:

- *New Mexico Specifications for Highway and Bridge Construction*, 2007, New Mexico Department of Transportation, (505) 827-5100, [www.nmshtd.state.nm.us/](http://www.nmshtd.state.nm.us/)
- *PVC Pipe - Design and Installation - AWWA Manual M23*, 2002, 2<sup>nd</sup> edition, American Water Works Association, (800) 926-7335, <http://www.awwa.org>
- *Hot-Mix Asphalt Paving Handbook*, Carl L. Monismith, Rita B. Leahy, John A. Epps, 2000, American Association of State Highway Transportation Officials, (202) 624-5800, [bookstore.transportation.org](http://bookstore.transportation.org)
- *DIPRA Installation Guide for Ductile Iron Pipe*, 2007 (revised 2012), Ductile Iron Pipe Research Association, [www.dipra.org](http://www.dipra.org)
- *Design and Construction of Urban Storm Water Management Systems*, 1992 American Society of Civil Engineers, [www.asce.org](http://www.asce.org)
- *Construction Planning, Equipment, and Methods*, Robert L. Peurifoy, 2005, 7<sup>th</sup> edition, McGraw-Hill, (800) 262-4729, [www.books.mcgraw-hill.com](http://www.books.mcgraw-hill.com)

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#### GS-4 Concrete, Cement, Walkways, and Driveways

# of Questions	% Required to Pass	Time Allowed
60	75% (45 points)	150 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Estimating and Plan Reading	10
Layout and Excavation	12
Formwork	8
Reinforcing Steel	8
General Concrete	16
Safety	6

#### REFERENCE LIST

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- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)  
OR
- *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *New Mexico Commercial Building Code (NMAC 14.7.2)*, 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *New Mexico Residential Building Code (NMAC 14.7.3)*, 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *Formwork for Concrete*, M.K. Hurd, 2005, 7<sup>th</sup> edition, American Concrete Institute, (248) 848-3700, [www.aci-int.org](http://www.aci-int.org)
- *Placing Reinforcing Bars*, 2011, 9th Edition, Concrete Reinforcing Steel Institute, (800) 328-6306, [www.crsi.org](http://www.crsi.org)
- *ACI 318-11 or ACI 318-14 (2011 or 2014): Building Code Requirements for Structural Concrete and Commentary*, American Concrete Institute, (248) 848-3700, [www.concrete.org](http://www.concrete.org)

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#### GS-6 Door Installation

# of Questions	% Required to Pass	Time Allowed
30	75% (23 points)	120 Minutes



## CONTENT OUTLINE

Subject Area	# of Items
Doors and Frames	14
Doors Hardware	9
Special Doors	4
Overhead Garage Doors	3

### REFERENCE LIST

The reference materials listed below were 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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

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

- *Carpentry and Building Construction*, 2010 or 2016 (Student Edition), John L. Feirer and Mark D. Feirer, McGraw-Hill, [www.mheducation.com](http://www.mheducation.com)
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).

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### GS-7 Drywall Installation and Texture

# of Questions	% Required to Pass	Time Allowed
40	75% (30 points)	130 Minutes

## CONTENT OUTLINE

Subject Area	# of Items
Estimating and Plan Reading	6
Materials and Installation	19
Taping	4
Special Applications	6
Safety	5

### REFERENCE LIST

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This examination is OPEN BOOK.

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

- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)
- OR
- *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *New Mexico Commercial Building Code (NMAC 14.7.2)*, 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *New Mexico Residential Building Code (NMAC 14.7.3)*, 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *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)

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## GS-8 Earthmoving, Excavation, and Ditching

# of Questions	% Required to Pass	Time Allowed
40	75% (30 points)	125 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Estimating and Plan Reading	4
Equipment and Technique	6
Compaction	10
Soil Types	10
Specialty Work (Blasting, Shoring)	6
Safety	4

### REFERENCE LIST

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- OR
- *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).

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## GS-9 Elevators, Escalators, Conveyors

# of Questions	% Required to Pass	Time Allowed
60	75% (45 points)	180 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Commercial Elevators	27
Residential Elevators	8
Escalators	8
Moving Walks	4
Dumbwaiters	4
Emergency Service	4
Safety	5

### REFERENCE LIST

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This examination is OPEN BOOK.

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

- ASME A17.1 - Safety Code for Elevators and Escalators, 2004, American Society of Mechanical Engineers, (800) 843-2763, [www.asme.org](http://www.asme.org)
- ASME A17.2.3 - Inspectors' Manual for Escalators and Moving Walks, 2004, American Society of Mechanical Engineers, (800) 843-2763, [www.asme.org](http://www.asme.org)
- ASME A17.3 - Safety Code for Existing Elevators and Escalators, 2005, American Society of Mechanical Engineers, (800) 843-2763, [www.asme.org](http://www.asme.org)
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)
- OR
- *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *Elevator Industry Field Employees' Safety Handbook*, 2005, Elevator World, (800) 730-5093, [safety.elevator-world.com](http://safety.elevator-world.com)

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### GS-13 Framing

# of Questions	% Required to Pass	Time Allowed
60	75% (45 points)	180 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Estimating and Plan Reading	9
Layout	7
Walls	14
Floors and Stairs	13
Roofs	12
OSHA Safety	5

#### REFERENCE LIST

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- *New Mexico Commercial Building Code* (NMAC 14.7.2), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *New Mexico Residential Building Code* (NMAC 14.7.3), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *Carpentry and Building Construction*, 2010 or 2016 (Student Edition), John L. Feirer and Mark D. Feirer, McGraw-Hill, [www.mheducation.com](http://www.mheducation.com)
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)

OR

### GS-16 Masonry

# of Questions	% Required to Pass	Time Allowed
60	75% (45 points)	180 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Estimating and Plan Reading	4
Unit Masonry	19
Mortar and Grout	16
Accessories	7
Stone	2
Tools	4
Restoration and Cleaning	4
Safety	4

#### REFERENCE LIST

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- *New Mexico Residential Building Code* (NMAC 14.7.3), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org)



- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
  - *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)
- OR**
- *Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
  - *Modern Masonry - Brick, Block, Stone*, Clois E. Kicklighter, 8<sup>th</sup> edition, 2015, The Goodheart-Willcox Company, (800) 323-0440, [www.goodheartwillcox.com](http://www.goodheartwillcox.com)
  - ACI 530/530.1-11 or ACI 530/530.1-13 (2011 or 2013): *Building Code Requirements and Specification for Masonry Structures and Companion Commentaries*, American Concrete Institute, (248) 848-3700, [www.concrete.org](http://www.concrete.org)

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  - *New Mexico Commercial Building Code (NMAC 14.7.2)*, 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
  - *New Mexico Residential Building Code (NMAC 14.7.3)*, 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
  - *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
  - *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.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)
  - *NRCA Roofing Manual: Steep Slope Roof Systems*, 2013, The National Roofing Contractors Association, (847) 299-9070, [www.nrca.net](http://www.nrca.net)
  - *NRCA Roofing Manual: Membrane Roofing Systems*, 2015, The National Roofing Contractors Association, (866) 275-6722, <http://www.nrca.net/store/detail/the-nrca-roofing-manual-membrane-roof-systems2015/1358>

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## **GS-21 Roofing**

# of Questions	% Required to Pass	Time Allowed
60	75% (45 points)	150 Minutes

### **CONTENT OUTLINE**

Subject Area	# of Items
Estimating and Plan Reading	10
Surface Preparation and Planning	8
Steep and Low Slope Roofing, including BUR, Waterproofing	27
Roofing Components	9
Safety	6

### **REFERENCE LIST**

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## GS-24 Structural Steel Erection

# of Questions	% Required to Pass	Time Allowed
40	75% (30 points)	120 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Materials	10
Rigging	8
Steel Erection	10
Attachment	8
Safety	4

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

This examination is OPEN BOOK.

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

- *Handbook of Rigging*, 5th Edition, 2009, W.E. Rossnagel, McGraw-Hill, P.O. Box 182605, Columbus, OH 43218-2605, (800) 338-3987, [www.McGraw-hill.com](http://www.McGraw-hill.com)
- *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).
- *Principles and Practices of Commercial Construction*, Cameron K. Andres and Ronald C. Smith, 2014, 9<sup>th</sup> Edition, Pearson Education, Inc. [www.phcatalog.pearson.com](http://www.phcatalog.pearson.com)
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)  
OR  
*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)
- *SDI Manual of Construction with Steel Deck*, 2006, 2nd Edition, Steel Deck Institute, (847) 458-4647, [www.sdi.org](http://www.sdi.org)

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## GS-25 Swimming Pools

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	155 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Plan Reading and Estimating	3
Sitework and Excavating	9
Forming and Reinforcing	9
Concrete	8
Shotcrete	8
Pool Equipment, Including ADA (No Plumbing or Electric)	8
Safety, Including CFR, Pool and Security Fencing	5

### REFERENCE LIST

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- *New Mexico Commercial Building Code* (NMAC 14.7.2), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *New Mexico Residential Building Code* (NMAC 14.7.3), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)  
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*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)



- *Certified Pool-Spa Operators Handbook*, 2006, National Swimming Pool Foundation, 10803 Gulfdale Suite 300, San Antonio, TX 78216, (516) 623-3447, <http://www.nspf.com>
- *Design and Control of Concrete Mixtures*, Steven H. Kosmatka and William C. Panarese, 15<sup>th</sup> Edition, 2011, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)
- *Placing Reinforcing Bars*, 2011, 9th Edition, Concrete Reinforcing Steel Institute, (800) 328-6306, [www.crsi.org](http://www.crsi.org)
- *Guide to Shotcrete*, 1995, American Concrete Institute, (248) 848-3700, [www.aci-int.org](http://www.aci-int.org)
- *Pipe and Excavation Contracting*, Dave Roberts, 1987, Craftsman Book Company, (800) 829-8123, [www.craftsman-book.com/products](http://www.craftsman-book.com/products)

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will not be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.

### GS-30 Plastering, Stucco and Lathing

# of Questions	% Required to Pass	Time Allowed
40	75% (30 points)	120 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Estimating and Plan Reading	4
Surface Preparation	6
Materials	7
Installation	9
E.I.F.S.	5
Tools	5
Safety	4

#### REFERENCE LIST

The reference materials listed below were 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, non-printing, non-programmable calculator in the examination center.

This examination is OPEN BOOK.

The following reference materials are allowed in the examination center:

- *New Mexico Commercial Building Code* (NMAC 14.7.2), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *New Mexico Residential Building Code* (NMAC 14.7.3), 2009, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *International Building Code*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *International Residential Code for One- and Two-Family Dwellings*, 2015, International Code Council, (800) 786-4452, [www.iccsafe.org](http://www.iccsafe.org).
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)

OR

*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, 866-589-3088 [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)

- *Standard Specifications for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster - ASTM C 1063*, 2003, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Specification for Plastic (Stucco) Cement - ASTM C 1328*, 2005, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products - ASTM C 754*, 2004, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Specification for Installation of Interior Lathing and Furring - ASTM C 841*, 2003, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Specification for Application of Interior Gypsum Plaster - ASTM C 842*, 2005, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Specification for Application of Portland Cement-Based Plaster - ASTM C 926*, 2006, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Practice for Application of Class PB Exterior Insulation and Finish Systems - ASTM C 1397*, 2005, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Guide for Use of Joint Sealants with Exterior Insulation and Finish Systems (EIFS) - ASME C 1481*, 2006, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *Standard Practice for Application of Exterior Insulation and Finish Systems Class PI - ASME C 1535*, 2005, American Society for Testing and Materials, (610) 832-9585, [www.astm.org](http://www.astm.org)
- *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)
- *Portland Cement Plaster/Stucco Manual*, 2003, Portland Cement Association, (847) 966-6200, [www.cement.org](http://www.cement.org)

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examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.

- *New Mexico Liquid Waste Disposal Regulations* (NMAC 20.7.3), 2005, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *NFPA 30A - Code for Motor Fuel Dispensing Facilities and Repair Garages*, 2015 or earlier, National Fire Protection Association (NFPA), (800) 344-3555 [www.nfpa.org](http://www.nfpa.org)

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

- *Mathematics for Plumbers and Pipefitters*, Lee Smith, 8th Edition, 2013, [www.cengage.com](http://www.cengage.com)
- *Code of Federal Regulations - 29 CFR Part 1926 (OSHA)*, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or [www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1](http://www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1)  
OR  
*Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI*, with latest available amendments, (800) 589-3088, [www.psiexams.com](http://www.psiexams.com) (See order form at the end of the Candidate Information Bulletin.)

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## MM-1 Plumbing

# of Questions	% Required to Pass	Time Allowed
100	75% (75 points)	250 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Drainage Waste and Vents	25
Water Supply Systems	8
Backflow Prevention	7
Storm Drainage Systems	4
Plumbing Fixtures, Including Water Heaters	10
General Knowledge and General Regulations	12
Interceptors and Traps	9
Isometric Analysis	10
Hydronics	5
Septic and Sewer	6
Fuel Dispensing Stations	4

### REFERENCE LIST

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

This examination is OPEN BOOK.

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

- *Uniform Mechanical Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *New Mexico Plumbing Code* (NMAC 14.8.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.
- *Uniform Plumbing Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *IPT's Pipe Trades Handbook*, Robert A. Lee, 1991, IPT Publishing and Training, Ltd., (888) 808-6763, [www.iptbooks.com](http://www.iptbooks.com)
- *New Mexico Mechanical Code* (NMAC 14.9.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.

## MM-2 Natural Gas Fitting

# of Questions	% Required to Pass	Time Allowed
100	75% (75 points)	255 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge and Principles	16
Piping	19
Gas Sizing	13
Safety and Testing	8
Appliances	15
Combustion Air	9
Chimneys, Flues, and Vents	10
Heating Systems	10

### REFERENCE LIST

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The following reference materials are allowed in the examination center:

- *Uniform Mechanical Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *Modern Refrigeration and Air Conditioning*, 19<sup>th</sup> or 20<sup>th</sup> edition, The Goodheart-Willcox Company, (800) 323-0440, [www.g-w.com](http://www.g-w.com)
- *IPT's Pipe Trades Handbook*, Robert A. Lee, 1991, IPT Publishing and Training, Ltd., (888) 808-6763, [www.iptbooks.com](http://www.iptbooks.com)
- *Uniform Plumbing Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *New Mexico Plumbing Code* (NMAC 14.8.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.
- *New Mexico Mechanical Code* (NMAC 14.9.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.

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### MM-3 Heat, Vent and Air Conditioning

# of Questions	% Required to Pass	Time Allowed
100	75% (75 points)	245 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
Motors, Controls, and Low Voltage Wiring	20
Piping	10
Heating and Cooling General Knowledge	20
Heating and Cooling Equipment and Components	15
Refrigerants and Refrigeration	15
Duct Work, Ventilation, and Exhaust	20

#### REFERENCE LIST

The reference materials listed below were 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.

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This examination is OPEN BOOK.

The following reference materials are allowed in the examination center:

- *Uniform Mechanical Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *Modern Refrigeration and Air Conditioning*, 19<sup>th</sup> or 20<sup>th</sup> edition, The Goodheart-Willcox Company, (800) 323-0440, [www.g-w.com](http://www.g-w.com)
- *IPT's Pipe Trades Handbook*, Robert A. Lee, 1991, IPT Publishing and Training, Ltd., (888) 808-6763, [www.iptbooks.com](http://www.iptbooks.com)
- *New Mexico Mechanical Code* (NMAC 14.9.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.
- Ductulator or other slide or wheel duct calculator
- *HVAC Duct Construction Standards, Metal and Flexible*, 2005, 3<sup>rd</sup> edition, Sheet Metal and Air Conditioning Contractors' National Association, Inc., (703) 803-2980, [www.smacna.org](http://www.smacna.org)
- Pressure and Enthalpy Charts are allowed in the examination. The charts **MUST** be clearly titled in a pre-printed fashion as "Pressure and Enthalpy Charts". The charts may be the graph type or the table type. Various publishers and manufacturers provide these charts such as Mollier, Real Climate, and SAIMECHE.

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### MM-4 Heat, Cooling, and Process Pipe

# of Questions	% Required to Pass	Time Allowed
90	75% (68 points)	235 Minutes

#### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge	29
Steam and Hot Water Boiler Systems	7
Process Piping and Systems	28
Fire Suppression Systems	6
Controls and Components	15
Combustion Air and Venting	5



## REFERENCE LIST

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This examination is OPEN BOOK.

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

- *New Mexico Mechanical Code* (NMAC 14.9.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.
- *Modern Refrigeration and Air Conditioning*, 19<sup>th</sup> or 20<sup>th</sup> edition, The Goodheart-Willcox Company, (800) 323-0440, [www.g-w.com](http://www.g-w.com)
- *Uniform Mechanical Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *New Mexico Boiler Rules and Regulations* (NMAC 14.9.4), 2005, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *NFPA 13 - Installation of Sprinkler Systems*, 2007, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 17 - Standard for Dry Chemical Extinguishing Systems*, 2009, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *IPT's Pipe Trades Handbook*, Robert A. Lee, 1991, IPT Publishing and Training, Ltd., (888) 808-6763, [www.iptbooks.com](http://www.iptbooks.com)

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

- *New Mexico Plumbing Code* (NMAC 14.8.2), 2012, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700.
- *Uniform Plumbing Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *Low Pressure Boilers*, Frederick M. Steingress, Daryl R. Walker, 4th Edition, 2013, American Technical Publishers, Inc., (800) 323-3471, [www.atpllearning.com](http://www.atpllearning.com)
- *NFPA 31 - Standard for the Installation of Oil Burning Equipment*, 2001 Edition, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- Pressure and Enthalpy Charts are allowed in the examination. The charts **MUST** be clearly titled in a pre-printed fashion as "Pressure and Enthalpy Charts". The charts may be the graph type or the table type. Various publishers and manufacturers provide these charts such as Mollier, Real Climate, and SAIMECHE.

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## MS-3 Cesspools, Septic Tanks and Sewers

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	120 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge	5
Installation and Materials	15
Septic Tanks	12
Disposal Absorption Fields	10
Building Sewers	4
Alternative Disposal	4

### REFERENCE LIST

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This examination is OPEN BOOK.

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

- *New Mexico Liquid Waste Disposal Regulations* (NMAC 20.7.3), 2005, [www.nmcpr.state.nm.us/NMAC](http://www.nmcpr.state.nm.us/NMAC), (505) 476-4700
- *Uniform Plumbing Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *Mathematics for Plumbers and Pipefitters*, Lee Smith, 8th Edition, 2013, [www.cengage.com](http://www.cengage.com)

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## MS-6 Lawn Sprinklers

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	120 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
General Knowledge	10
Design	9
Materials	5
Controls and Wiring	9
Excavation	4
Pumps	3
Water Supply	5
Sprinkler Heads	5

### REFERENCE LIST

The reference materials listed below were 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, non-printing, non-programmable calculator in the examination center.  
This examination is OPEN BOOK.

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

- *Simplified Irrigation Design*, Pete Melby, 1995, 2<sup>nd</sup> edition, John Wiley and Sons, Inc., (201) 748-6000, [www.wiley.com](http://www.wiley.com)

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will **not** be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.

## MS-12 Fire Protection Systems

# of Questions	% Required to Pass	Time Allowed
80	75% (60 points)	135 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Backflow Prevention	5
Hydraulic Calculations and Design	6
Residential Systems	5
Firepumps and Standpipes	8
Sprinkler Systems	15
Water Supply, Storage, and Distribution	5
General and Code Knowledge	18
Materials and Methods	8
Testing and Inspections (NFPA 25)	10

### REFERENCE LIST

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

This examination is OPEN BOOK.

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

- *NFPA 13 - Installation of Sprinkler Systems*, 2007, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 101 - Life Safety Code*, 2009, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 25 - Inspection, Testing, and Maintenance of Water Based Fire Protection Systems*, 2008, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 13R - Sprinkler Systems for Residential Occupancies Up To and Including Four Stories in Height*, 2002, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 15 - Water Spray Fixed Systems for Fire Protection*, 2009, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 14 - Installation of Standpipe, Private Hydrant, and Hose*, 2007, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 20 - Standard for the Installation of Stationary Pumps for Fire Protection*, 2007, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 13D - Sprinklers, One- and Two-Family Dwellings and Manufactured Housing*, 2002, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)

- *Uniform Plumbing Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *NFPA 22: Standard for Water Tanks for Private Fire Protection*, 2008, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 24: Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, 2007, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)

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### MS-14 Dry Chemical Fire Protection

# of Questions	% Required to Pass	Time Allowed
50	75% (38 points)	90 Minutes

### CONTENT OUTLINE

Subject Area	# of Items
Clean Agents and Alternative Systems	17
Foam Systems	5
Wet Chemical Systems	8
Dry Chemical Systems	6
Carbon Dioxide Systems	2
Portable Fire Extinguishers	4
Commercial Kitchen Equipment	8

### REFERENCE LIST

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

This examination is OPEN BOOK.

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

- *NFPA 72 - National Fire Alarm Code*, 2010, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 10 - Standard for Portable Fire Extinguishers*, 2007, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 11 - Standard for Low-Expansion Foam*, 2005, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 12A - Standard on Halon 1301 Fire Extinguishing Systems*, 2009, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 17 - Standard for Dry Chemical Extinguishing Systems*, 2009, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 17A - Standard for Wet Chemical Extinguishing Systems*, 2009, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 96 - Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations*, 2008, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *Uniform Plumbing Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *Uniform Mechanical Code*, 2012, International Association of Plumbing and Mechanical Officials (IAPMO), (800) 854-2766, [www.iapmo.org](http://www.iapmo.org).
- *NFPA 2001: Standard for Clean Agent Fire Extinguishing Systems*, 2008, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)
- *NFPA 12: Standard on Carbon Dioxide Extinguishing Systems*, 2008, National Fire Protection Association (NFPA), (800) 344-3555, [www.nfpa.org](http://www.nfpa.org)

Candidates are responsible for bringing their own references to the examination center. Reference materials must be bound, and may be highlighted, underlined, and/or indexed prior to the examination session. Reference materials containing any writing will not be allowed into the examination. References may not be written in during the examination session. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the department. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. 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 examination begins.



7. **Total Fee \$**\_\_\_\_\_. You may pay by credit card, money order, company check or cashier's check. Make check or money order made payable to PSI. Cash and personal checks are not accepted.

If paying by credit card, check one:  VISA  MasterCard  American Express  Discover

Card No: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Card Verification No: \_\_\_\_\_ *The card verification number may be located on the back of the card (the last three digits on the signature strip) or on the front of the card (the four digits to the right and above the card account number).*

Billing Street Address: \_\_\_\_\_ Billing Zip Code: \_\_\_\_\_

Cardholder Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_

8. I am submitting the Exam Accommodations form (at the end of this bulletin) and required documentation.  Yes  No

9. **Affidavit:** I certify that the information provided on this registration form (and/or telephonically to PSI) is correct. I understand that any falsification of information may result in denial of licensure. I have read and understand the examination information bulletin.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

IF YOU ARE REGISTERING BY MAIL OR FAX, SIGN AND DATE THIS REGISTRATION FORM ON THE LINES PROVIDED.

Complete and forward this registration form with the applicable examination fee to:

PSI

2301 Yale Blvd SE, Suite C4

Albuquerque, NM 87106

Phone: 877-663-9267, Fax: (505) 243-0036

PSI may occasionally share your information with partners who have offers of interest to you. Please check this box if you do not wish PSI to share your information with these parties. Please note: PSI will never release your ID number or SSN number.





To place an order for one or more of the following items listed, you may:

- Order online at [www.pSIONlinestore.com](http://www.pSIONlinestore.com)
- Call the PSI Online store toll-free at (866) 589-3088

Note: prices are available online at [www.pSIONlinestore.com](http://www.pSIONlinestore.com)

<input type="checkbox"/>	Contractor's Guide to Business, Law and Project Management
<input type="checkbox"/>	29 CFR Part 1926 Selections
<input type="checkbox"/>	American Electricians' Handbook
<input type="checkbox"/>	NFPA 70 - National Electrical Code
<input type="checkbox"/>	Data, Voice, and Video Cabling
<input type="checkbox"/>	Low Voltage Wiring Security/Fire Alarm Systems
<input type="checkbox"/>	NFPA 72 - National Fire Alarm Code
<input type="checkbox"/>	Carpentry and Building Construction
<input type="checkbox"/>	Mathematics for Plumbers and Pipefitters
<input type="checkbox"/>	Ugly's Electrical References
<input type="checkbox"/>	Lineman's and Cableman's Handbook
<input type="checkbox"/>	Design and Control of Concrete Mixtures
<input type="checkbox"/>	Diseño y Control de Mezclas de Concreto
<input type="checkbox"/>	Pipe & Excavation Contracting
<input type="checkbox"/>	Modern Masonry - Brick, Block, Stone
<input type="checkbox"/>	Modern Refrigeration and Air Conditioning
<input type="checkbox"/>	Roofing Construction & Estimating
<input type="checkbox"/>	Handbook of Rigging
<input type="checkbox"/>	Portland Cement Plaster/Stucco Manual
<input type="checkbox"/>	NFPA 17: Standard for Dry Chemical Extinguishing Systems .
<input type="checkbox"/>	NFPA 13: Installation of Sprinkler Systems

(continued on next page)



<input type="checkbox"/>	<b>NFPA 25: Inspection, Testing and Maintenance of Water-Based Fire Protection Systems</b>
<input type="checkbox"/>	<b>NFPA 54: National Fuel Gas Code</b>
<input type="checkbox"/>	<b>International Building Code</b>
<input type="checkbox"/>	<b>International Residential Code for One- and Two-Family Dwellings</b>

*Please note: Inventory and pricing subject to change without notice.*



# EXAM ACCOMMODATIONS OR OUT-OF-STATE TESTING REQUEST

All examination centers are equipped to provide access in accordance with the Americans with Disabilities Act (ADA) of 1990. Applicants with disabilities or those who would otherwise have difficulty taking the examination may request exam accommodations.

Candidates who wish to request exam accommodations because of a disability should fax this form and supporting documentation to PSI at (702) 932-2666.

### Requirements for exam accommodation requests:

You are required to submit documentation from the medical authority or learning institution that rendered a diagnosis. Verification must be submitted to PSI on the letterhead stationery of the authority or specialist and include the following:

- Description of the disability and limitations related to testing
- Recommended accommodation/modification
- Name, title and telephone number of the medical authority or specialist
- Original signature of the medical authority or specialist

Date: \_\_\_\_\_

Social Security or ID#: \_\_\_\_\_

Legal Name: \_\_\_\_\_

Last Name

First Name

Address: \_\_\_\_\_

Street

City, State, Zip Code

Telephone: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Home

Work

Email Address: \_\_\_\_\_

### Check any exam accommodations you require (requests must concur with documentation submitted):

- |   |  |
|---|--|
| <input type="checkbox"/> Reader (as accommodation for visual impairment or learning disability)                       | <input type="checkbox"/> Extended Time<br>(Additional time requested: _____) |
| <input type="checkbox"/> Large-print written examination  | <input type="checkbox"/> Other _____   |
| <input type="checkbox"/> *Out-of-State Testing Request (this request does not require additional documentation) _____ |  |

Site requested: \_\_\_\_\_

\*You may email your out-of-state request to [OutOfStateRequest@psionline.com](mailto:OutOfStateRequest@psionline.com).

- After registering for the exam, complete and fax this form, along with supporting documentation, to (702) 932-2666 or email it to [examaccommodations@psionline.com](mailto:examaccommodations@psionline.com).
- After 4 days, PSI Exam Accommodations will email you confirmation of approval with instructions for the next step.

**DO NOT SCHEDULE YOUR EXAMINATION UNTIL THIS DOCUMENTATION HAS BEEN RECEIVED AND PROCESSED BY PSI ACCOMMODATIONS.**

**PSI**

**3210 E Tropicana  
Las Vegas. NV 89121**