



IDAHO DIVISION OF BUILDING SAFETY

Electrical Exams

Information Bulletin

**Idaho Division of Building Safety
1090 East Watertower Street, Suite 150
Meridian, ID 83642
(800) 955-3044**

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General Testing Information

This bulletin is to provide you with information on how to schedule and take your license exam.

Prior to scheduling a test, you must first contact the Division of Building Safety and complete an application to test and pay fees. You can access an application online at:
<http://dbs.idaho.gov>.

All applications must be submitted to the:

Division of Building Safety
1090 E Watertower Street, Ste 150
Meridian, ID 83642

Application & Scheduling Process

Once you have been approved to take an exam you will need to **Schedule and Pay** for the exam. An applicant has 90 days from acceptance to schedule and take the appropriate exam.

*Due to Covid and limited testing blocks we are not allowing those who have already achieved a passing score on their exam to re-examine for a higher score

How and Where to Take Your Test

The exam will be done on a computer at one (1) of the three (3) regional offices, located at:

Meridian Office
1090 E. Watertower St., Ste. 150
Meridian, ID 83642
Office Hours: M-F 8:00 – 5:00 (MST)

Coeur d' Alene Office
1250 Ironwood Dr., Ste. 220
Coeur d' Alene, ID 83814
Office Hours: M-F 7:00 – 4:00 (PST)

Blackfoot Office
155 N. Maple St.
Blackfoot, ID 83221
Office Hours: M-F 8:00 – 5:00 (MST)

Examination Costs

The cost of your exam will be seventy-five dollars (\$75). This fee is non-refundable.

Scheduling the Exam

To schedule and exam call (800) 955-3044 at least two (2) business days prior to the date you would like to test. There are limited seats available for each test and you may not receive your initial choice.

You will pay your exam fees when you call to schedule your exam and make payment using one of the following payment methods:

- MasterCard, Visa, Discover, American Express (3% non-refundable fee if paying by credit/debit card)
- Check or Cash (Exam will be scheduled when payment is received at a DBS location)

Examinees must know and understand the standards listed in this bulletin. By scheduling, you agree to adhere to these standards.

Rescheduling an Exam

If you need to reschedule your exam, you may do so by contacting the Division of Building Safety. The following are the steps you must follow for rescheduling your exam.

- You must reschedule at least two (2) business days prior to your appointment.
- If you call at least two (2) days prior to your appointment, you may reschedule at no cost; otherwise you will lose your exam fees.
- If you fail to attend your scheduled appointment, you will forfeit your test fees and will be required to reschedule and pay the exam fee.

Special Testing Accommodations

The Division of Building Safety complies with the provisions of the Americans with Disabilities Act (ADA). If you require special accommodations contact the Division for an accommodation request form or access online at: http://dbs.idaho.gov/licenses/exam_info/Guide_Req_Special_Accom.pdf

Check-In

Plan to arrive at your appointed time.

If you arrive late, and the exam has already begun, **YOU WILL BE TURNED AWAY** and will forfeit your exam fees.

What to Bring

Things you should bring to the testing site include the following:

- Identification (Government Issued Photo ID)

Forms of valid photo-bearing ID include:

- Driver's License
- Passport
- Military ID

- Approved references

- A listing of approved references by test type is located at the end of this bulletin. Code books for the exam **ARE NOT** provided. You will need to bring your own book.

If you do not have a valid form of ID, or if the name on the ID does not match the name of the person scheduled to test, you will be turned away from the testing site and you will forfeit your testing fee.

NOTE: Cell phones or Electronic devices will not be allowed in the testing room.

Open Book Exam

The exams for electrical licenses are all open book; approved books are listed at the end of this bulletin.

You can tab your reference material or leave notes; however, loose paper in your reference material will not be allowed.

Question Format

Test questions are in four-option, multiple-choice format, with one answer on each question scored as correct. Exam questions do not follow patterns (e.g., “the most common answer is “B”). There are also True/False questions.

Remember to base your answers on the approved references for each exam, not solely on long-time field practices.

Making Exam-Related Comments

A feedback button is available on every question during the exam. Please use this feature for any question you believe is incorrect or is missing information. Feedback left on a question must include reference to an article in the code book or the statute/rules packet and the answer that you believe it should be otherwise. Feedback will be evaluated on those merits. Feedback otherwise left that does not adhere to those standards will not be reviewed. Please allow 15 days for responses to feedback left on a failed exam. If a change in your score is merited, you will receive notice by email.

To have the Division of Building Safety staff review something on specific exams (if you did not leave feedback during the exam), or any issues encountered during your exam, you must submit a Comment/Challenge form to the Division of Building Safety within 15 days of completing the exam. The form is available by request to the proctor following completion of your exam or at <http://dbs.idaho.gov>. You will receive a response from the Division of Building Safety within 15 business days from receipt of the Comment/Challenge form; a request for staff review is based solely upon the most recent exam taken.

If you retake a failed exam on which you have submitted an appeal or left feedback during the exam, you will forfeit your appeal opportunity for that exam attempt.

Testing Results

You will receive your exam results upon test completion. This can be done in person or by email.

Scoring

You will receive a letter stating your pass or fail score. The following scores are considered minimum for passing:

Journeyman Electrician – 70%
Limited Installer Electrician – 70%
Electrical Contractor – 75%
Limited Installer Contractor – 70%
Master Electrician – 75%

Exam Scores Cancelled and Appeals

On rare occasions, circumstances may make exam scores invalid. The Division of Building Safety reserves the right to cancel or withhold any exam scores if, in its sole opinion, there is adequate reason to question their validity. Reasons are:

1. Cheating, including but not limited to, giving or receiving help; using unauthorized notes, books, or papers; removing test materials or notes from the test center; or attempting to take an exam for someone else.

If any of the above occurs your exam will end and be resulted as a fail. You will have to reapply and pay all applicable fees.

2. Some scores may be rendered invalid because of circumstances beyond the applicant's control, such as faulty exam materials or mistiming. These situations will be investigated; and if the result is a cancellation of scores, the Division of Building Safety will arrange for a makeup examination.
3. The Division of Building Safety has implemented procedures to minimize the potential of negative conditions at the test site such as bad lighting, excessive noise, or uncomfortable temperatures. In the unlikely cases where such conditions may occur, the required passing score is not changed. If an

applicant finds unfavorable conditions at the test site, we recommend the applicant immediately notify the proctor.

4. There may be times that scheduled exams may need to be changed or cancelled entirely. These are circumstances that are beyond DBS or the applicant's control (such as computer issues or power outage). In these cases, applicants will be rescheduled for the next available time slot at no additional charge.

Type of Exam

Idaho Contractor and Limited Contractor Exam (4 hours)
Electrical Journeyman Exam (4 hours)
Electrical Limited Installer Elevator Exam (3 hours)
Electrical Limited Installer Sign Exam (2 hours)
Electrical Limited Installer Manufacturing Equipment Exam (2 hours)
Electrical Limited Installer Limited Energy Exam (2 hours)
Electrical Limited Installer Irrigation Sprinkler Exam (2 hours)
Electrical Limited Installer Well Drill/Water Pump Exam (2 hours)
Electrical Limited Installer Refrigeration, Heating, & Air-Conditioning Installer Exam (2 hours)
Electrical Limited Installer Solar Photovoltaic (3 Hours)
Electrical Master Electrical Exam (4 hours)

Approved References

The following is a list of approved reference material. You will need to bring your own copies.

Contractor Exam:

- Current Idaho Electrical Statutes and Rules (available online at <https://dbs.idaho.gov/exams/> or at a DBS office)

Journeyman, Specialty Journeyman, Master's Exams:

- Current Idaho Electrical Statutes and Rules (available online at <https://dbs.idaho.gov/exams/> or at a DBS office)
- 2017 National Electrical Code, NFPA
- Ferm's Fast Finder Index, IAEI
- Ugly's Electrical Reference, George V. Hart
- Tom Henry's Key Word Index - - 2017 Code

Breakdown of Exams:

Breakdown of exam questions	Journeyman (4 hrs.)	Master (4 hrs.)	Elevator (3 hrs.)	Solar Photovoltaic (3 hrs.)	Manufacturing Equipment (2 hrs.)
Intro (90); Including Tables and Calculation*	1	1	1	2	2
Chapter 1; Including Tables and Calculation*	3	4	5	4	4
Chapter 2; Including Tables and Calculation*	15	18	10	10	10
Chapter 3; Including Tables and Calculation*	15	18	12	10	10
Chapter 4; Including Tables and Calculation*	15	18	13	4	5
Chapter 5; Including Tables and Calculation*	9	8		2	
Chapter 6; Including Tables and Calculation*	6	6	15	10	
Chapter 7; Including Tables and Calculation*	4	5		10	5
Chapter 8; Including Tables and Calculation*	2	2			
Chapter 9; Including Tables and Calculation*	5	5	2	4	2
Statues & Rules	5	5	2	4	2
Total Questions	80	90	60	60	40
Passing Percentage	70%	75%	70%	70%	70%
*All calculation questions are weighted (worth 2 points each). Number of questions does not represent points possible.					

Breakdown of Exams continued:

Breakdown of exam questions	Irrigation Sprinkler (2 hrs.)	Well Driller, Water Pump (2 hrs.)	Refrigeration, Heating, & A/C (2 hrs.)	Sign (2 hrs.)	Limited Energy (2 hrs.)
Intro (90); Including Tables and Calculation*	1	1	1	1	2
Chapter 1; Including Tables and Calculation*	2	3	3	2	2
Chapter 2; Including Tables and Calculation*	8	10	8	10	5
Chapter 3; Including Tables and Calculation*	7	10	9	10	10
Chapter 4; Including Tables and Calculation*	10	11	10	3	
Chapter 5; Including Tables and Calculation*					
Chapter 6; Including Tables and Calculation*	6			10	
Chapter 7; Including Tables and Calculation*			5		16
Chapter 8; Including Tables and Calculation*					
Chapter 9; Including Tables and Calculation*	3	3	2	2	3
Statues & Rules	3	2	2	2	2
Total Questions	40	40	40	40	40
Passing Percentage	70%	70%	70%	70%	70%
*All calculation questions are weighted (worth 2 points each). Number of questions does not represent points possible.					

Breakdown of Exams continued:

Breakdown of exam questions	Limited Electrical Contractors Exam (4 hrs.)	Electrical Contractors Exam (4 hrs.)
Statues & Rules	80	80
Total Questions	80	80
Passing Percentage	70%	75%